

Town of Blacksburg

FY 2006/2007-2010/2011

Recommended Capital Improvement Program

Town Council

Roger E. Hedgepeth, Mayor
Ron Rordam, Vice Mayor
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Don Langrehr
Alvah Leighton
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Town Administrative Staff

Town Manager – Marc A. Verniel
Assistant to the Town Manager – Chris Lawrence
Town Attorney – Lawrence Spencer
Town Clerk - Donna W. Boone-Caldwell
Director of Financial Services - Susan H. Kaiser
Fire Chief – B. Keith Bolte
Director of Parks and Recreation - Dean B. Crane
Director of Planning and Engineering - Adele P. Schirmer
Chief of Police - William H. Brown
Community Relations Manager – Heather D. Browning
Director of Public Works – S. Kelly Mattingly
Rescue Captain – Wayne Myers
Director of Technology - Steven B. Jones
Transit Director – Rebecca L. Martin





November 22, 2005

The Honorable Mayor and Members of Town Council
Members of the Planning Commission
Town of Blacksburg
300 South Main Street
Blacksburg, VA 24060

Dear Mayor, Members of Town Council and Members of the Planning Commission:

It is our pleasure to present to you the *Recommended FY 2007-2011 Capital Improvement Program (CIP)* for your review and consideration. We are pleased to present to you a plan that focuses on the Town's five-year capital needs and balances the maintenance of existing infrastructure and equipment while keeping pace with technology and new facility requests.

While the needs, wants and desires identified by citizens, Town Departments, Town Council, Town-appointed Boards, Commissions, and Task Forces and Committees continue to significantly exceed the financial resources available, we are pleased to present to you a program for improvements for the first year of the five-year program of approximately \$16.3 million. The *FY 2007 Recommended Capital Improvement Program* represents the eleventh consecutive year in which we are able to fund capital needs in excess of \$2.0 million. Over \$8.0 million in General Fund projects were proposed for funding in FY 2007 alone. Below is a ten-year history of funding requested in the first year of the CIP for the General Fund versus actual funding by Town Council or in the case of FY 2007, the proposed funding:

Fiscal Year	Requested Funding	Actual/Proposed Funding	Increase (Decrease)	% Projects Funded
1998	\$3,943,817	\$2,071,286	\$(1,872,531)	53%
1999	\$4,549,473	\$2,033,846	\$(2,515,627)	44%
2000	\$4,111,962	\$2,343,920	\$(1,768,042)	57%
2001	\$6,905,321	\$3,469,200	\$(3,436,121)	50%
2002	\$7,151,220	\$2,323,225	\$(4,827,995)	32%
2003	\$6,469,204	\$2,001,541	\$(4,467,663)	31%
2004	\$2,944,488	\$2,180,000	\$(764,488)	74%
2005	\$4,803,559	\$2,962,890	\$(1,840,669)	62%
2006	\$4,990,958	\$3,100,928	\$(1,890,030)	62%
2007	\$8,043,488	\$2,708,032	\$(5,335,456)	34%

Approach to Funding

As stated earlier, resources are routinely less than the funds requested for desired capital projects. The Executive Management Team, composed of all Department Heads and the Town Manager, is challenged with analyzing and prioritizing worthwhile, but competing projects. The team approaches the CIP by recommending funding for projects that are "pre-funded" with dedicated revenue sources or for those projects for which we have a long-standing financial commitment such as the Equipment Depreciation Fund. These generally are projects for which the Town gets State reimbursement to fund projects, such as Sidewalk Replacement; or for which the

Town has a contractual obligation, such as matching funds for Major Street Improvements. Below is a chart that illustrates the breakdown of projects that are priority funded:

Project	Amount	Revenue Source
Equipment Depreciation Fund	\$619,099	Long-Standing Financial Contribution
Building System Maintenance	\$ 60,833	Long-Standing Financial Contribution
Major Street Improvements	\$100,000	Matching Funds

Of the \$2,708,032 recommended for funding in FY 2006/2007 from the General Fund, \$779,932 or 28.8% is designated as priority funding, leaving \$1,928,100 or 71.2% available to fund other CIP requests. Once priority funded projects were designated, the Executive Management Team used feedback from Town Council work sessions, the Town's Mission and Values statement, and the Blacksburg Comprehensive Plan to prioritize projects for funding.

Town of Blacksburg Mission and Values

The mission of the Blacksburg Town Government is to support a dynamic community by providing effective municipal services and enhancing Blacksburg's quality of life.

The Town of Blacksburg Values:

Innovation
Customer Service
Open Government

Community Pride
Leadership
Integrity

Fiscal Responsibility
Citizen Involvement
Public Safety

General Fund Overview

Every few years, the Town Council reviews the "Principles of Sound Financial Management" which guide the staff in designing CIP and budget documents that are fiscally responsible. A copy of the "Principles of Sound Financial Management" can be found in the *Financial Analysis and Tables* section of this document.

In addition, to providing a picture of the Town's current fiscal health, a series of Financial Trend Indicators are also included in the *Financial Analysis and Tables* section.

In past years, the Town has typically bonded \$2 million in general fund projects. Beginning in FY 2004/2005 only \$1 million in bonded projects were planned annually. Beginning in FY 2006/07 \$1.5 million in bonded projects are projected. While capital project needs far exceed projected bond funding, planned bonds for capital projects will remain at reduced levels until revenues increase to a level where debt service can be supported.

Revenue Assumptions

The Town's revenue base is projected to grow approximately 4% annually for the next five years. This takes into consideration the revenue growth experienced in FY 2004 and FY 2005. While projecting revenues for the five-year CIP period, a thorough analysis of revenues budgeted in FY 2005 against those actually received indicates that the strength of the Town's revenue are in the category of Other Local Taxes. This category is estimated to increase 3.3% from actual revenue received in FY 2005 due to stable economic growth in the area.

While the Town is fortunate to rely on a very diverse revenue base, we need to constantly be aware of potential changes in taxing authority and changes in funding allocations generated by the General Assembly. Legislative proposals, such as a local share of state income taxes, distribution of telecommunication taxes, and continuing discussions on changes in the Business, Professional and Other Licenses (BPOL) tax, as well as the impact of the state budget head the list of items that we will continue to vigorously monitor during the upcoming legislative session.

Expenditure Assumptions

Projected operating expenditures are based on an increase of approximately 4.7% for FY 2006/2007. This increase is due to a 2.0% increase in other operating expenditures, a 5.0% increase in employee compensation and a projected 25.0% increase in employee health benefits. For the last four years of this CIP period, operating expenditures are projected to increase each year, by approximately 3.5%. It should be noted that only existing programs are included in the expenditure assumptions used in the development of the CIP. Organizationally, we will continue to pursue productivity and quality improvements to maximize existing financial resources.

Financing the Capital Improvement Program

The *Recommended FY 2007-2011 Capital Improvement Program* relies upon General Fund revenue, water and sewer funds, general obligation bonds and Federal and State support for capital projects. Equipment replacement and infrastructure maintenance and replacement are funded with General Funds and/or Water and Sewer Funds while bond funds are used as a secondary funding source for projects that are more long-term in nature.

Funding Recommendations

Following is a brief summary of projects that are recommended for the first year of the five-year period by functional area:

General Fund

Finance Department:

AS400 Hardware Contingency	\$25,000
Subtotal	<u>\$25,000</u>

Parks and Recreation Department:

New Wooden Gym Floor	\$85,000
Resurface Tennis Courts	\$20,000
Playground & Shelter Depreciation Fund	\$15,000
Subtotal	<u>\$120,000</u>

Planning and Engineering:

Major Street Improvements	\$100,000
Building Permit Software	\$40,000
Subtotal	<u>\$140,000</u>

*Recommended FY 2007-2011 Capital Improvement Program
Transmittal Letter*

Police Department:

Multi-Jurisdictional Firearms Training Facility	\$20,000
Police Communications Building	\$30,000
Traffic Committee and Neighborhood Traffic Control Program	\$25,000
Subtotal	<u>\$75,000</u>

Public Works Department:

Rental Property Maintenance	\$15,000
Traffic Signal Cabinet Upgrades	\$18,000
Traffic Signal Head Replacement	\$24,000
Transfers to Building Systems Depreciation Fund	\$45,833
Transfers to Equipment Depreciation Fund	\$619,099
Subtotal	<u>\$721,932</u>

Technology Department:

SAN – Storage Area Network/Network Virtualization	\$75,000
Technology Replacement	\$105,000
Subtotal	<u>\$180,000</u>

Town Manager:

Municipal Services Annex	\$1,400,000
WTOB Digital Upgrade	\$46,100
Subtotal	<u>\$1,446,100</u>

Total General Fund Projects

\$2,708,032

Details for all of the projects recommended for funding in the *Recommended FY 2007-2011 Capital Improvement Program* can be found in the Project Description section of this document.

Water and Sewer Fund

This CIP assumes continued implementation of the recommendations of the Ernst and Young Utility Rate Study conducted in FY 1993. We are pleased to report that we continue to be on track in meeting the goals identified in the Utility Rate Study. These goals include the following:

- 1) To maintain the integrity of the existing water and sewer infrastructure;
- 2) To decrease the dependency on one-time availability fee revenues for the day-to-day operations of each fund with an ultimate goal of dedicating availability fees to support capital construction needs;
- 3) To maintain a reserve cash balance in the water and sewer enterprise fund at a target level of six months of expenditures for operations and maintenance of the systems and a renewal and replacement reserve of 3% of fixed assets; and,
- 4) To manage debt to maintain a ratio of net revenues (revenues less operations not including depreciation) of at least 1.15 times debt service requirements.

The initial five-year implementation of the recommendations included in the Utility Rate Study has been completed. Following careful analysis, we are projecting no increase in water rates.

Recommended in FY 2006-2007 for the Water and Sewer Fund are capital projects totaling \$298,332. These projects are funded from water and sewer system revenue. Following are the projects proposed for funding in FY 2006/2007:

Water/Sewer Fund

Planning and Engineering:

Alleghany Tank Inspection	\$27,000
IDSE/Stage 2 DBP Program	\$30,000
Waterline Extension	\$113,000
Subtotal	<u>\$170,000</u>

Public Works Department:

Transfers to Equipment Depreciation	<u>\$128,332</u>
Subtotal	<u>\$128,332</u>

Total Water/Sewer Fund Projects

\$298,332

Details for all projects in the Water and Sewer Fund that are recommended can be found in the Water and Sewer section of this document.

It should be noted that any increase in the wholesale water and sewer rates by either the Water Authority or Sanitation Authority are not reflected in these funding recommendations. If such increase in wholesale rates should occur, in all likelihood a commensurate increase would be reflected in the Town's water and sewer rates.

Finally, we will continue to carefully monitor the fiscal condition of the Water and Sewer Fund particularly as it relates to the recommendations of the Utility Rate Study.

Golf Course

No projects are proposed for funding for the Golf Course. No projects will be funded until the Golf Course revenues cover operating expenditures and build sufficient retained earnings to support capital improvements.

Blacksburg Transit

Recommended capital projects to support the Blacksburg Transit system include: staff vehicle and bus expansion and replacement; the purchase of a simulator for the training division; purchase of replacement and expansion items for the radio program, shelter and amenities program, and technology program; purchase of on-going maintenance items including spare parts and engine; purchase of furnishings for the new transit facility addition; and construction funding for the multi-modal facility. Blacksburg Transit is financed from multiple funding sources including Federal and State grants, Town of Christiansburg, Virginia Tech, and fare box revenue. No Blacksburg generated tax revenue is used to support Transit operations. Projects that are not funded are generally deferred until the following year when grant funds will be requested again. Details for all projects for Blacksburg Transit can be found in the Transit section of this document.

Future Issues

The impact of legislative proposals and the economy could have a significant impact in the funding sources for both the *Capital Improvement Program* and the *FY 2006-2007 Operating Budget*. Staff will actively monitor the General Assembly and the economy throughout the coming months, particularly as actions may impact the fiscal resources of the Town.

Summary

In conclusion, we are proud to present to you for your consideration the *Recommended FY 2007-2011 Capital Improvement Program* that we believe is both fiscally responsible and responsive to the community. We will continue to examine and monitor our financial assumptions and review changing conditions to ensure this capital improvement program reflects the Town's Mission, Values, and Action Strategies from our Comprehensive Plan.

During the next several weeks, we look forward to reviewing and discussing these recommendations with you. Earlier this year, the Town Council adopted the following schedule for review and consideration of the *Recommended FY 2007-2011 Capital Improvement Program*:

2005

November 29 Town Council Work Session

December 6 Town Council Work Session

December 13 Town Council Schedules Public Hearing on CIP for January 10, 2006

2006

January 3 Planning Commission holds Public Hearing and makes recommendation on CIP to Town Council

January 10 Town Council Public Hearing on *Recommended CIP*

January 24 Town Council consideration of resolution approving *Recommended FY 2007-2011 Capital Improvement Program*

Finally, special thanks to the Executive Management Team, consisting of Chris Lawrence, Assistant to the Town Manager; Susan Kaiser, Finance Director; Elaine Gill, Human Resources Manager; Dean Crane, Director of Parks and Recreation; Adele Schirmer, Director of Planning and Engineering; Bill Brown, Chief of Police; Heather Browning, Public Information Officer; Kelly Mattingly, Director of Public Works; Steve Jones, Director of Technology; Rebecca Martin, Transit Director; Lawrence Spencer, Town Attorney; and Donna Boone-Caldwell, Town Clerk. Also, a commendation to Teresa Dawkins, Executive Assistant for her able and skilled assistance in compiling this document.

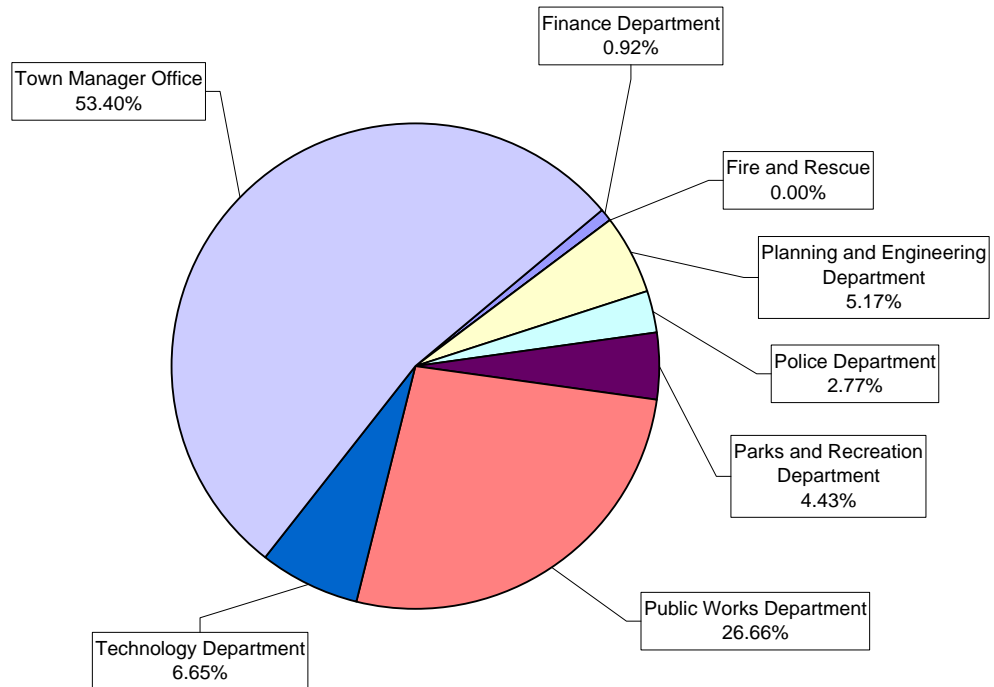
Thank you for your careful review and consideration of this document. We are prepared to work with you as you review these recommendations and create a five-year Capital Improvement Program for the community. Thank you for your continued support as we pursue capital improvements that will enhance the quality of life for citizens of Blacksburg into the new millennium.

Sincerely,



Marc A. Verniel
Town Manager

FY 2007 General Fund Projects



FY 2007 Capital Improvement Program

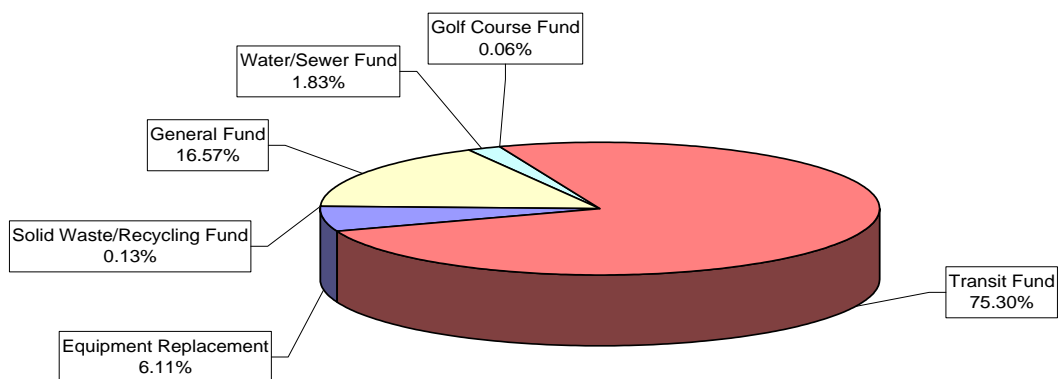




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CAPITAL IMPROVEMENT PROGRAMMING

Introduction

Capital Improvement Programming is a method of planning for the effective and efficient provision of public facilities, infrastructure improvements, major maintenance requirements, and acquisition of property and equipment. The first year of the *Recommended Capital Improvement Program* represents the Town Manager's recommendations to the Town Council as the Capital Improvement Program (CIP) budget.

A five-year CIP allows the Town Council and the citizenry an opportunity to view both the short-term capital construction and the acquisition needs of the Town of Blacksburg. Viewing the short-term needs enables the Town to better plan their financing strategy for capital improvements and annual operating requirements.

Organization of the CIP

The Town of Blacksburg's CIP is composed of three major sections. The introduction on Capital Improvement Programming provides an overview of why and how the Town's CIP is developed together with the benefits of Capital Improvement Programming.

The Financial Analysis section includes the Principles of Sound Financial Management, charts outlining five-year financial trend indicators, historical revenue and expenditure data, and projected revenue, expenditure and debt service for the CIP period.

Finally, Project Details are included by departmental areas for those projects recommended for funding in the CIP period. The General Fund departmental areas include Financial Services, Fire and Rescue, Planning and Engineering, Parks and Recreation, Police, Public Works, Technology and Town Managers Office. The other self-supporting funds include the Golf Course, Equipment Replacement, Transit, and Water and Sewer.

Legal Basis for Capital Improvement Programming

The Town of Blacksburg is required to prepare a five-year CIP pursuant to Article VI, Section 6.05 of the *Town of Blacksburg Charter*

§6.05 Capital Program

- A. Submission to Council. The Manager shall prepare and submit to the Council a five-year capital program at least three months prior to the final date for submission of the budget.
- B. Contents. The capital program shall include:
 - A clear general summary of its contents;
 - A list of all capital improvements which are proposed to be undertaken during the five fiscal years next ensuing, with appropriate supporting information as to the necessity for such improvements;
 - Cost estimates, method of financing and recommended time schedules for each such improvement; and
 - The estimated annual cost of operating and maintaining the facilities to be constructed or acquired.

The above information may be revised and extended each year with regard to capital improvements still pending or in process of construction or acquisition.

Basis for Budgeting

The first year of the CIP represents the Recommended Capital Improvement Budget for that year. Following adoption by the Town Council, the first year of the CIP should be viewed as the capital budget. Any changes to the capital budget during Council consideration of the fiscal year budget also alters the first year of the CIP. Alterations to the CIP during deliberations on the annual budget should be dependent primarily upon changed circumstances from when the CIP was originally adopted. The CIP is a proposed expenditure plan; the budget adopted by the Town Council provides the legal authorization to actually expend Town funds.

The CIP is based on a fiscal year calendar. The fiscal year calendar for the Town of Blacksburg begins July 1 and ends June 30.

Benefits of Capital Improvement Programming

The principal benefit of Capital Improvement Programming is that it requires the Town to address the problem of balancing capital improvements with available financing. This process contributes to a responsible fiscal policy. Other benefits of Capital Improvement Programming include:

- Fostering a sound and stable financial program over a five-year period given a set of revenue and expenditure assumptions based on current economic trends;
- Coordinating various Town improvements so that informed decisions can be made and joint programs initiated among Town departments in an effort to avoid duplication;
- Enabling private businesses and citizens to have some assurances as to when certain public improvements will be undertaken so they can plan more efficiently and effectively;
- Assisting in the implementation of the *Comprehensive Plan* over an extended period of time;
- Focusing on the goals and needs of the community through the provision of new facilities and infrastructure improvements;
- Evaluating annually the infrastructure needs of the Town to provide for the public health and safety of the citizens of the Town; and
- Providing a logical process for assigning priorities to the various projects based on their overall importance to the Town.

These and other advantages make the CIP a practical necessity for the Town.

Definition of a Capital Improvement Project

Capital improvements are major construction or acquisition efforts, which are non-recurring in nature. Generally, capital improvement projects are defined as follows:

- Studies pertaining to capital improvements that require the employment of outside professional consultants at a cost in excess of \$15,000;

- Construction of buildings or facilities; including design, engineering, and other preconstruction costs with an estimated cost in excess of \$15,000;
- Purchase of major equipment and vehicles, other than office and data processing equipment, valued in excess of \$15,000 with a life expectancy of five years or more;
- Major equipment or furnishings required for the utilization of new or renovated buildings; or,
- Major acquisition of land or other property.

Capital Improvement Program Submission Process

In September of each year, the Director of Finance and the Town Manager distribute instructions to Department Heads requesting projects for consideration for the next five-year CIP period (copy follows this section). Each Department Head is responsible for reviewing the most recent CIP to determine the funding necessary for projects that are currently programmed in the CIP and the Action Strategies identified in the *Comprehensive Plan* (copy follows this section). Based on this review and a review of new requirements for capital improvements for the next five-year period, the Department Head completes a Cost Estimate Detail Form, and a Project Detail Sheet.

Cost Estimate Detail Form

Department Heads are also asked to complete a Cost Estimate Detail Form to determine the estimated cost of a project. This form outlines the costs of planning and design, land acquisition, construction, and the purchase of equipment. All costs are inflated to reflect the estimated cost in the year which the project and/or purchase is anticipated to be funded.

Planning and design consists of all costs for the planning and design of a project including both preliminary and final design and engineering.

Land acquisition costs include appraisals, legal fees, survey, recordation, and property costs.

Equipment costs may include the purchase of a new or replacement vehicle or furniture and fixtures to furnish a new or renovated building. The cost of equipment should exceed \$15,000 to be considered as a Capital Improvement Project.

Department Heads are also asked to identify the source of their estimate and possible funding options or alternatives.

Project Detail Sheet

Finally, Department Heads are asked to complete a Project Detail Sheet to summarize the project which is requested for consideration. If a project is ultimately recommended by the Town Manager to the Planning Commission and Town Council for consideration, this form is used for presenting information on the project to Town Council, the Planning Commission, and the public. Included on the Project Detail Sheet is the planned source of funding for the project together with the fiscal year in which the project is expected to be funded. Also included on the Project Detail Sheet are pertinent data such as the Department administering the project, the project title, project location, project status, the project's relationship to the Town's Mission and Values and the Town Council Strategic Goals, and a description for each project.

Capital Improvement Program Schedule

September	Town Manager and Finance Director sends instructions to Department Heads
October	CIP submissions due to Executive Management Team
October	Executive Management Team (EMT) review submissions
Late October	Town Manager and EM Committee formulate Recommended CIP
Late November	Recommended CIP forwarded to Planning Commission and Town Council
Early December	Town Council and Planning Commission Sessions on Recommended CIP
Early January	Planning Commission Public Hearing and Recommendation on CIP sent to Town Council
Mid-January	Town Council Public Hearing on Recommended CIP
Late January	Town Council Adoption of CIP

Conclusion

The CIP is a document dedicated to a process designed to identify both the capital improvement needs and priorities of the Town over a five-year period in concert with projected funding levels and the Action Strategies included in the *Comprehensive Plan*. Actual programming of projects is dependent upon the fiscal resources available. Funding constraints may preempt the actual inclusion of projects in the current CIP but may be listed as priorities for funding should resources become available.

The Project Detail Sheets on the following pages reflect those projects recommended to be funded in the *Fiscal Years 2004-2008 Capital Improvement Program*.



TO: Department Heads
Larry Spencer, Town Attorney
Donna Boone-Caldwell, Town Clerk
Heather Browning, Community Relations Officer
Elaine Gill, Human Resource Manager
Matt Hanratty, CDBG/Housing Consultant
Keith Bolte, Fire Chief
Wayne Myers, Rescue Captain

FROM: Chris Lawrence, Assistant to the Town Manager

SUBJECT: FY2007-2011 Capital Improvement Program

DATE: October 5, 2005

Once again, it is time for the Capital Improvement Program (CIP) process. We will meet on Thursday, October 6, during our EMT retreat to discuss Town Council's Budget goals. We will meet again on Wednesday, October 26, at our monthly EMT meeting to review and decide the projects to be included in the Manager's Recommended CIP.

Reminders in the CIP Process

- The instructions and forms are being sent by email and also are on the O Drive\CIP FY2007. Forms will be supplied on diskette upon request.
- Only one copy of each project will be required from each department. Also, a copy of the project should be provided on the "O drive" at O:\CIP FY 2007\Submitted Projects\<department name>, or on diskette to allow for easy changes.
- Only true capital projects will be considered for funding. All other items will be handled under the Operating Budget. Please estimate any of these non-capital project purchases that are to be included in the operating budget at this time so that we can begin planning for these expenses.
- Remember to include requests for all capital projects even if they will be funded by grants or if they are continuing projects such as Building Maintenance funds.
- Remember to include the operating impact of capital projects so they can be considered during the operating budget process.

Guidelines and Forms

The FY2007-2011 guidelines and forms are attached for use in preparing your CIP submissions:

- **Project Detail Form:** Must be submitted for every project. Includes a total project estimate, description of the project and source of funding. Please use the format on the O Drive, as this form will be published in the document submitted to Town Council.
- **Cost Estimate Detail Form:** This optional form includes an inflation factor, source of estimate and possible funding options or funding alternatives. If this form is not submitted, please submit supporting information to justify the project cost estimate.
- **Estimated New Annual Operating Costs:** This optional form Includes the impact of a new project relative to additional positions and related personnel costs, operating costs including capital equipment. This form only needs to be completed if there are new operating costs associated with the project or the project will reduce operating costs. Most capital projects will impact operating costs, so please complete this form. It will be given to departments as part of the operating budget.

Deadline for Submissions

The deadline for submissions of proposed projects is **Wednesday, October 19, 2005**.

Capital Improvement Program Guidelines

Definition of a Capital Improvement

Capital Improvements are major construction or acquisition efforts that are nonrecurring in nature. Generally, capital improvement projects are defined as follows:

1. Studies pertaining to capital improvements that require the employment of outside professional consultants at a cost in excess of \$15,000.
2. Construction of buildings or facilities, including design, engineering and other pre-construction costs with an estimated cost in excess of \$15,000.
3. Purchase of major equipment and vehicles valued in excess of \$15,000 with a life expectancy of five years or more.
4. Major equipment or furnishings required for the utilization of new or renovated buildings.
5. Major acquisition of land or other property.

Capital Improvement Program Submission Process

The Capital Improvement Program is designed as a budget document for the first year of the five-year plan and as a planning document for the remaining four years of the plan.

Each Department Head is responsible for reviewing the most recent Capital Improvement Program to determine the funding necessary for projects that are currently programmed in the Five-Year Capital Improvement Program. Based on this review and a review of new requirements for capital improvements for the next five-year period, the Department Head will complete a **Project Detail Sheet**.

Project Detail Sheet

The **Project Detail Sheet** is used to summarize the project that is requested for consideration. If the CIP Committee ultimately recommends a project to the Town Council for consideration, this form is used for presenting information on the project to Council and the public.

Department:	Department requesting funding for the project.
Project Title:	Brief title of the proposed project.
Project Location:	Street address or general location of proposed project. If the location is not known, this should say "To Be Determined".
Project Status:	Indicate whether the project is a new project or currently in progress. The project is defined as "New" if it is the first year that the project is in the CIP. The project is "In Progress" if it is currently programmed in the CIP.
Description and Justification:	This information should include a brief description of the project including such things as the size of the facility (square feet) or infrastructure improvement (linear feet), the kind of vehicle to be purchased, the number of facilities to be improved,

the names of the facilities to be improved, and the constituency to be served by the project. A brief justification of the project should also be included.

Planned Financing
of Project:

The planned financing of the project should mirror the cost estimate identified on the optional **Cost Estimate Detail Form** or the cost estimate information provided. The Source of Funds should be identified. The sum of Prior Allocation, 2006/2007 - 2010/2011, and Future Years must add to the Total Project Estimate.

Prior Allocation:

Can be found on most recent project printouts included with the instructions.

Conclusion

The intent this year is to make the CIP process as painless as possible. Hopefully the above instructions will provide you with the guidance you need to submit the necessary information to evaluate the merits of the projects. If you have any questions regarding the process, please contact the Assistant Town Manager.

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department:

Project Title:

Project Location:

Project Status:

Description and Justification:

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Total									

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

COST ESTIMATE DETAIL SHEET

Department:

Project Title:

Total Costs Current Dollars

A. Planning, Engineering and Design	
B. Land Acquisition	
C. Construction (Sum of 1,2,3 below)	
1. Construction Cost	
2. Construction Contingency 5% New Construction x Construction Cost 10% Renovation x Construction Cost	
D. Equipment (Furnishings, Vehicles, etc.)	
E. Consultant Study	
F. Inflation ($1 + 2 \times .02$) (per year)	
Total Project Estimate	

Source of Estimate:

Funding Options/Alternatives:

Project Submitted: _____

Estimated New Annual Operating Expenses (if any):

Additional Positions (F/T)	
Additional Positions (P/T)	
Capital Equipment	
Operating Costs Excluding Capital Equipment	
Total Costs	
Anticipated Revenue	
Net Costs	

Departments Impacted:

Explanation:

CAPITAL IMPROVEMENT PROGRAM

General Fund	Prior Allocation	Submitted 2006/07	Recommended 2006/07	Submitted 2007/08	Recommended 2007/08	Submitted 2008/09	Recommended 2008/09	Submitted 2009/10	Recommended 2009/10	Submitted 2010/11	Recommended 2010/11
Finance Department:											
AS400 Hardware Contingency	100,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
AS400 Peripheral Equipment Replacement	50,000	25,000		25,000	25,000	25,000	25,000	25,000	25,000	25,000	
AS400 Software Development Fund	35,000	25,000		25,000	25,000	25,000	25,000	25,000	25,000	25,000	
Subtotal	185,000	75,000	25,000	75,000	-	75,000	25,000	75,000	25,000	75,000	25,000
Fire Department:											
Generator		80,000									
Interoperability Repeater		25,000									
Subtotal	-	105,000	-	-	-	-	-	-	-	-	-
Rescue:											
Cardiac Monitors/Delibrators		25,000		150,000							
Development of Information Technology		25,000		28,000							
Opticom Lights	35,000	152,500		80,000				32,000		28,000	
Replace Communications System	17,900	44,500				120,000					
Replacement of Progress Street Station	37,000	42,000		482,600		382,500		3,404,000			
Subtotal	52,900	271,000	-	686,600	-	502,500	125,000	3,404,000	-	28,000	1,500,000
Parks and Recreation Department:											
Construction Documents (Nature Center)		160,000									
Coarse Sand Trap Renovation		86,000									
Geopark	50,000	100,000									
Huckleberry Trail Extension		100,000									
Land Acquisitions		80,000				100,000					
Meeting Room/Training Room Addition		163,500									
New Fitness Center		150,000									
New Wooden Gym Floor		85,000									
Outdoor Pool Design and Construction		180,000									
Passenger Van for Senior Trip Program		50,000									
Resurface Tennis Courts		20,000									
Playground & Shelter Depreciation Fund	80,000	15,000									
Restroom Replacement in Parks		50,000									
Shelter Replacement		45,000									
Single Toilet Building, Two: One for Men and One for Women		22,000									
Water Slide		28,646									
Subtotal	130,000	1,315,146	120,000	-	-	375,000	-	-	-	-	-
Planning and Engineering:											
Aerial Mapping		128,700				50,000		20,000			
Document Management System		100,000		100,000		100,000		100,000		100,000	
Major Street Improvements	22,000	22,000		22,000		22,000		15,000		22,000	
Neighborhood Enhancement Grant Program											15,000
New Vehicle		27,484		40,000							
Building Permit Software		250,000		150,000		121,000		350,000			
Stormwater Management Ponds		337,845									
Stormwater Projects		20,991									
Traffic Signal and South Main Median Revisions		20,000									
Subtotal	122,000	1,074,550	140,000	100,000	293,000	110,000	482,000	115,000	122,000	122,000	15,000
Police Department:											
Police Recruitants		20,000		20,000							
Police Recruitants	950,845	30,000		30,000		30,000		30,000		60,000	
Traffic Committee and Neighborhood Traffic Control Program		50,000		25,000				25,000		25,000	
Vehicle Replacement - Office of the Chief		23,000									
Vehicle Replacement - School Resource Officers		43,560									
Subtotal	950,845	166,560	75,000	30,000	-	30,000	85,000	30,000	30,000	85,000	85,000
Public Works Department:											
Cemetery Reception/Service Building		50,000		474,000							
Curb, Gutter, and Sidewalk Replacement		39,928		33,780		34,320		43,200		38,480	
Emergency Preparedness Equipment		25,000									39,000
Environmental Management Program		16,300									
Major Facilities Repair		45,000		58,000		30,000					
Municipal Building Electrical Service Upgrade	60,000	40,000									
New Equipment Purchase - Tractor with Attachments		22,000									
Old Town Hall Renovations		18,680									
Parking Meter Replacement		37,500		160,000		20,000		18,000			
Parks & Landscape Division Storage Building Addition				32,800							
Radio Communication Upgrade		22,000									
Rental Property Maintenance		15,000		15,000		15,000		15,000		15,000	
Roof Replacement and Energy Upgrade	15,000	40,000		40,000		80,000					
Storage Building for Town Decorations		12,000									
Storm Drainage Improvements		20,000									
Streets Division Storage Building Addition											30,000
Town Garage Renovations		15,000		15,000		28,000		50,000			
Traffic Signal Cabinet Upgrades	18,000	18,000		18,000		15,000					
Traffic Signal Emergency Power Supply		94,000		54,000		54,000		54,000		54,000	
Traffic Signal Equipment Replacement	27,000	24,000		24,000		17,000		17,000			
Traffic Signal Road Replacement	20,000	24,000		24,000							
Transfer to Building Systems Depreciation Fund	45,833	45,833		169,000		120,000		140,000		120,000	
Transfers to Building Systems Depreciation Fund		45,833		45,833		45,833		45,833		45,833	
Subtotal	185,833	1,316,340	721,932	1,812,992	679,932	1,036,252	779,932	952,132	913,132	937,412	748,932
Technology Department:											
Code Enforcement Software		20,000									
Fiber Optic Network Expansion/Conduit for Town of Blacksburg	74,500	25,500									
HTE Application Training		30,000									
HTE Work Order Process Review		30,000									
Network Contingency	50,000	15,000									
SAN - Storage Area Network / Network Virtualization		75,000								40,000	
Server Replacement/Upgrade	40,000	60,000						105,000		105,000	
Technology Upgrade	539,154	105,000		105,000		105,000		105,000		105,000	
Subtotal	703,654	360,500	180,000	105,000	-	105,000	105,000	105,000	105,000	185,000	105,000
Town Manager:											
Alexander Black House Renovations	423,389	175,322		175,322		175,322		175,322		175,322	
Downtown Improvements: College Avenue Promenade	903,500	1,060,000		720,000		750,000		800,000		700,000	
Downtown Improvements: Draper Road Improvements						280,000					

CAPITAL IMPROVEMENT PROGRAM

	Prior Allocation	Submitted 2006/07	Recommended 2006/07	Submitted 2007/08	Recommended 2007/08	Submitted 2008/09	Recommended 2008/09	Submitted 2009/10	Recommended 2009/10	Submitted 2010/11	Recommended 2010/11
Downtown Improvements: Facade Improvements/Grants											
Downtown Improvements: Farmers Market Improvements											
Downtown Improvements: Roanoke Street Improvements											
Downtown Improvements: South Main Street Streetscape											
Municipal Complex Expansion and Town Hall Renovations											
North Main Street Betterment Costs											
Odd Fellow Hall Restoration											
WTOB Digital Upgrade											
Subtotal	781,500	2,000,000	1,400,000	68,500	1,400,000	500,000	50,000	104,621	1,260,000	104,621	
	170,900	46,100	46,100	104,621		104,621				104,621	
	2,279,289	3,356,422	1,446,100	1,093,443	1,400,000	1,184,943	800,000	1,204,943	1,260,000	1,004,943	-
Total General Fund Projects	4,609,521	8,043,488	2,708,032	4,077,035	2,179,932	3,226,685	2,319,932	6,295,075	2,503,132	2,382,355	2,478,932
Water/Sewer Fund											
Finance Department:											
Meter Maintenance and Replacement	167,526	21,000		21,000		21,000		21,000		21,000	
Radio/Read Vehicle Transceiver Unit (YXU) Replacement/Upgrade		7,000		7,000		7,000		7,000		7,000	
Subtotal	167,526	28,000	-	28,000	-	28,000	-	28,000	-	28,000	-
Planning and Engineering:											
Regional Truck Inspection		27,000									
City of Salem Data Acquisition System		32,500									
Coal Bank Ridge Water Storage Facility											
IDSE/Stage 2 DBP Program		30,000	30,000	40,000	40,000	99,360	879,648				
Sewer System Upgrade											
Shenandoah I Sewer Pump Station Analysis and Upgrade		50,000		102,000		575,000	50,000		675,000		246,500
Water Storage Facility	95,000			1,796,366	1,800,000						
Water System Upgrades	100,000	178,880		197,780							
Waterline Extension	10,000	946,006	113,000			115,074		188,708	133,900		
Subtotal	205,000	1,264,386	170,000	2,202,246	1,906,100	855,534	116,100	1,068,356	808,900	-	246,500
Public Works Department:											
Electrical Service Upgrade		90,000			90,000						
EMSP2 Program - Sanitary Sewer Inflow & Infiltration Abatement	250,000		250,000			250,000	71,000	250,000	325,000	250,000	
New Equipment Purchase-Tractor with Attachments		30,000									
Radio Communication Upgrade		11,000									
Transfers to Equipment Depreciation Fund		128,332	128,332	128,332	128,332	128,332	128,332	128,332	128,332	128,332	
Used Vehicle and Equipment Replacements		15,500									
Utility Division Building Addition		42,600									
Water Main Replacements		83,160		64,400	40,000	82,600	64,400	56,000	138,600	27,720	27,720
Subtotal	250,000	650,592	128,332	442,732	258,332	460,932	263,732	434,332	591,932	406,052	156,052
Total Water/Sewer Fund Projects	643,526	1,942,978	298,332	2,672,978	2,164,432	1,344,466	379,832	1,530,688	1,400,832	434,052	402,552
Golf/Swimming Pool Fund											
Transfers to Equipment Depreciation Fund		10,690	10,690	10,690	10,690	10,690	10,690	10,690	10,690	10,690	10,690
Total Golf/Swimming Pool Fund Projects	-	10,690	10,690	10,690	10,690	10,690	10,690	10,690	10,690	10,690	10,690
Transit Fund											
Blacksburg Transit Multimodal Facility	650,000	10,000,000	10,000,000	220,000	220,000	112,000	112,000	114,000	114,000	116,000	116,000
B1 Access Body on Chassis (BOC) Van Expansion		324,000				336,000	336,000	228,000	228,000	232,000	232,000
B1 Access Body on Chassis (BOC) Van Replacement	653,900	108,000	108,000	988,400	988,400	1,017,600	1,036,800	1,036,800	1,036,800	1,056,000	1,056,000
Fixed Route Bus Expansion	1,716,200	72,200	79,200	1,686,000	1,686,000	1,796,800	1,827,800	1,827,800	1,827,800	1,827,800	1,827,800
Fixed Route Bus Replacement	41,200					880	886	3,648	3,648	928	928
Radio Replacement and Expansion Program	3,200	5,184	23,585	14,200	14,200	15,000	15,000	21,500	21,500	12,900	12,900
Shelter, Amenities, and Bike Rack Replacement and Expansion Program	31,655					15,000	15,000	15,000	15,000	15,000	15,000
Simulator Acquisition and On-going Maintenance Costs		265,000	265,000	15,000	15,000	25,760	26,500	26,500	26,500	29,000	29,000
Staff Vehicle Expansion	29,580	75,300	75,300	113,300	113,300	61,600	61,600	34,200	34,200	111,360	111,360
Staff Vehicle Replacement	46,920					111,100	44,080	28,220	28,220	28,680	28,680
Technology Replacement and Expansion Program	46,500	36,980	36,980	24,000	24,000	50,000	50,000	50,000	50,000	50,000	50,000
Transit Capital Assets Program		50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Transit Facility Expansion and Furnishings	4,100,000	300,000	300,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Transit Facility Maintenance Cost Program		90,000	90,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Trip Planner	35,000	16,080	16,080	25,000	25,000					75,000	75,000
Total Transit Fund Projects	7,446,155	12,207,529	12,307,529	3,307,880	3,307,880	3,523,936	3,523,936	3,435,668	3,435,668	2,474,068	2,474,068
Equipment Replacement Fund											
Major Equipment Purchase		961,000	961,000	828,000	828,000	434,000	434,000	777,000	777,000	567,000	567,000
Used Equipment and Equipment Replacements		65,000		50,000	50,000	65,000	65,000	20,000	20,000		
Total Equipment Replacement Fund Projects	-	1,026,000	961,000	878,000	878,000	499,000	434,000	797,000	777,000	567,000	567,000
Major Building System Replacement Fund											
Major Building System Replacement		38,000	38,000	7,500	7,500	31,000	31,000	900	900	23,000	23,000
Total Major Building System Replacement Fund Projects	-	38,000	38,000	7,500	7,500	31,000	31,000	900	900	23,000	23,000
Solid Waste/Recycling Fund											
Transfers to Equipment Depreciation Fund		21,840	21,840	21,840	21,840	21,840	21,840	21,840	21,840	21,840	21,840
Wheeled Residential Recycling Carts		51,656									
Total Solid Waste/Recycling Fund Projects	-	73,496	21,840	21,840	21,840	21,840	21,840	21,840	21,840	21,840	21,840
Grand Total	12,699,202	23,442,181	16,346,423	10,975,923	8,520,274	8,657,627	6,721,230	12,091,861	8,150,062	5,913,005	5,978,082



Financial Analysis

As an aid to comprehensive financial planning, this section examines both historical and projected revenues and expenditures of the Town. This section also includes the "Principles of Sound Financial Management". A series of financial trend indicators are included to provide a gauge for evaluating the Town's financial condition.

Projected revenues and expenditures are based on assumptions given current economic trends, historical growth and anticipated State funding levels. Also included are tables reflecting the Town's debt service obligation and those obligations relative to total General Fund expenditures.

Town of Blacksburg

Principles of Sound Financial Management

Introduction

These principles set forth the broad framework for overall fiscal planning and management of the Town's resources. In addition, these principles address both current activities and long-term planning. Every two years, following a Council election, these principles will be reviewed to assure the highest standards of fiscal management.

Overall Goals

The financial goals of the Town of Blacksburg are designed to ensure the Town's sound financial condition at all times.

1. **Sound Financial Condition** may be defined as:
 - ✓ Cash Solvency - The ability to pay bills.
 - ✓ Budgetary Solvency - The ability to annually balance the budget
 - ✓ Long Term Solvency - The ability to pay future costs
 - ✓ Service Level Solvency - The ability to provide needed and desired services.
2. **Flexibility** is a goal that ensures that the Town is in a position to react and respond to changes in the economy and new service challenges without measurable financial stress.
3. **Adherence to Best Accounting and Management Practices** in conformance with generally accepted accounting procedures as applied to governmental units, and the standards of the Governmental Accounting Standards Board and the Government Finance Officers Association (GFOA).

Financial Principles

1. **A balanced budget** should be prepared annually by the Town Manager and forwarded to the Town Council for consideration.
2. **Ongoing operating costs** should be funded by ongoing revenue sources. This protects the Town from fluctuating service levels and avoids concern when one-time revenues are reduced or removed. In addition:
 - a. **Cash balances** should be used only for one-time expenditures, such as land acquisition, capital improvements and capital equipment or special one-time expenditures.
 - b. **Federal grants** should not financially support essential Town services. Federal grant monies should be tied to programs and services with the understanding that those services delivered with grant funding may be revised and altered based on grant funding availability.
 - c. **New operating costs associated with capital projects** should be funded through the operating budget but identified and outlined in the capital improvement program.
 - d. **Revenue related to the lease of the Armory** should be dedicated to capital improvement projects related to parks and recreation enhancements with emphasis on youth programming.

3. The Town Manager should forward to the Town Council a quarterly financial report identifying meaningful trends in both revenues and expenditures for all major funds.
4. Department Heads are responsible for managing departmental budgets within the total appropriated budget.
5. Replacement of Town vehicles, including Fire and Rescue vehicles, should be funded through the Equipment Replacement Fund.
6. Financial Trend Indicators should be prepared and reviewed annually to determine the Town's financial condition. Town Council will review these indicators prior to the development of the Capital Improvement Program and annual operating budget. The Financial Trend Monitoring System (FTMS) offers the following:
 - a. A method for quantifying a significant amount of information in relatively simple terms to gain better understanding of the Town's financial condition;
 - b. Places the events of a single year into a longer perspective and permits the Town to evaluate trends; and,
 - c. A straightforward picture of financial strength and weaknesses.
7. General Fund *Undesignated Fund Balance* should be targeted at no less than 10% of operating expenditures exclusive of capital improvement and debt service expenditures. *Bond Proceeds should be deposited and budgeted into the Capital Project Funds.*
8. Debt service should be generally targeted at 10% and not exceed 15% of operating expenditures exclusive of capital improvement and debt service expenditures.
9. A five-year financial forecast should be developed annually to determine net capital financing potential, to react to changes in the economy, and to accommodate regulatory and legislative mandates.
10. Investment practices should be in accordance with the Town's Investment and Portfolio Policy. The Investment and Portfolio Policy should be reviewed by Town Council every two years.
11. The Town shall annually prepare a Comprehensive Annual Financial Report and should seek recognition from the GFOA by applying for and receiving the organization's Certificate of Excellence in Financial Reporting. In addition, the Town should seek recognition by applying for and receiving the GFOA Distinguished Budget Presentation Award.
12. The Town operates four enterprise funds: Water and Sewer, Solid Waste and Recycling, Golf Course and Transit. Enterprise Funds should be self-sufficient. They should include a reserve of at least three months expenditures for operations and maintenance. Enterprise Funds should be charged for indirect administrative costs performed by other Town departments. Revenue should be sufficient to fund operations, capital improvements, equipment replacement and department service.
13. To maintain the integrity of the Water and Sewer Fund the following goals should be achieved:
 - a. Maintain a cash balance in the Water and Sewer Fund at a target of six months expenditures for operations and maintenance of the systems plus 3% of fixed assets for a renewal and replacement reserve.
 - b. Maintain a ratio of Net Revenues (Revenues less Operations not including Depreciation) of at least 1.15x debt service requirements.

14. User fees for all operations should be reviewed annually to ensure rates are market competitive and defray operating costs. In the case of Enterprise Funds and Internal Service Funds, fees should be reviewed annually to ensure that revenues generate sufficient funds to cover the total cost of services.
15. A five-year capital improvement program should be prepared each year at least three months prior to the submission of the budget.
16. The Town should maintain a bond rating of no less than “A3” from Moody’s Investors Service and “A-“ from Standard and Poor’s. Bonds which are rated in the “A” categories possess many favorable attributes and are to be considered as upper medium grade obligations. Factors giving security to principal and interest are considered adequate, but elements may be present which suggest a susceptibility to impairment some time in the future. (Note: The Town is currently rated A1 by Moody’s Investors Services and A+ by Standard and Poor’s –October, 2002)

Principles of Sound Financial Management

Adopted by Town Council: **April 23, 1996**

Revised by Town Council: **July 14, 1998**

Revised by Town Council: **August 24, 2004**

INDICATOR 1

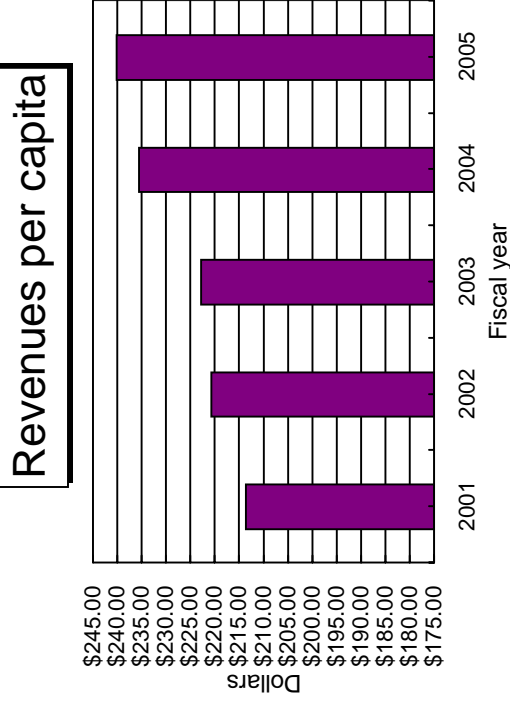
Revenues per Capita

Warning Trend:

Decreasing net operating revenues per capita (constant dollars)

Formula:

Net operating revenues & transfers (constant dollars)
Population



Fiscal year:	2001	2002	2003	2004	2005
Net operating revenues and transfers	\$14,528,594	\$15,214,022	\$15,869,694	\$17,503,179	\$18,634,629
Consumer price index	170.3	171.1	174.3	179.7	186.7
Net operating revenues & transfers (constant dollars)	\$8,531,177	\$8,891,889	\$9,104,816	\$9,740,222	\$9,981,055
Current population	39,933	40,294	40,868	41,358	41,558
Net operating revenues & transfers per capita (constant dollars)	\$213.64	\$220.68	\$222.79	\$235.51	\$240.17

Analysis:

Examining per capita revenues shows changes in revenues relative to changes in population size and rate of inflation (Consumer Price Index for Urban Wage Earners/Clerical with base years 1982-1984 equal to 100). FY 2004 reflects a full year of the 2003 reassessment as well as the increase in the meals tax and cigarette tax rates. FY 2005 indicates the stability of the economy especially in economic sensitive areas such as meals taxes, sales taxes and business licenses and the CDBG Block and Entitlement Revenues.

INDICATOR 2

Sales Tax Revenues Per Capita

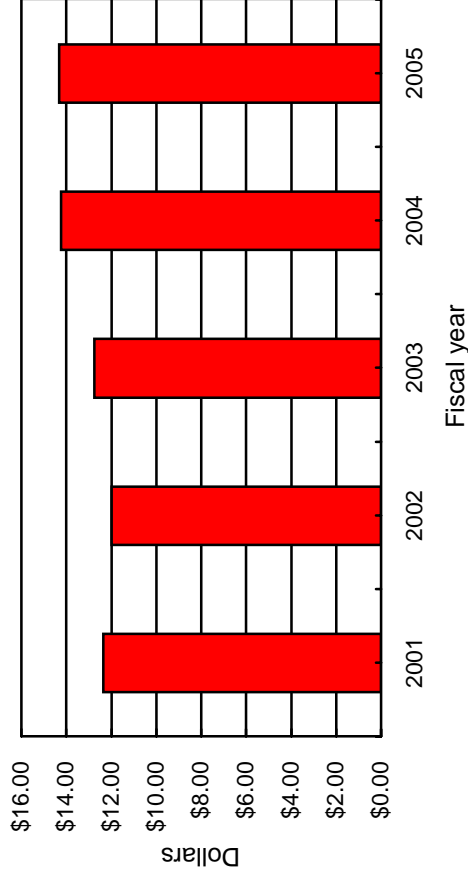
Warning Trend:

Decreasing net sales tax revenues per capita
(constant dollars)

Formula:

$$\frac{\text{Net Sales Tax Revenues (constant dollars)}}{\text{Population}}$$

Sales Tax Revenues per capita



Fiscal year:	2001	2002	2003	2004	2005
Net Sales Tax Revenues	\$839,679	\$826,243	\$907,802	\$1,057,578	\$1,111,467
Consumer price index	170.3	171.1	174.3	179.7	186.7
Net Sales Tax Revenues (constant dollars)	\$493,059	\$482,901	\$520,827	\$588,524	\$595,322
Current population	39,933	40,294	40,868	41,358	41,558
Net Sales Tax Revenues per Capita (constant dollars)	\$12.35	\$11.98	\$12.74	\$14.23	\$14.33

Analysis:

Sales Tax is a major revenue category for the Town and is an indicator of the strength of the regional economy. FY 2001 and FY 2002 indicates our reduced share of sales taxes and the slowing economy. FY 2004 and 2005 reflects a slight increase in school age children as well the improvement of the economy

Basis for Distribution:

One percent of the State sales tax collected in Montgomery County is returned by the Commonwealth to Montgomery County. From this 1%, the County receives an automatic 50% and the remaining 50% is allocated, using school age population in the incorporated towns and in the surrounding County as the basis for distribution. There are three localities sharing in the one-half of one percent: Blacksburg, Christiansburg and Montgomery County.

INDICATOR 3

Meals Tax Revenues Per Capita

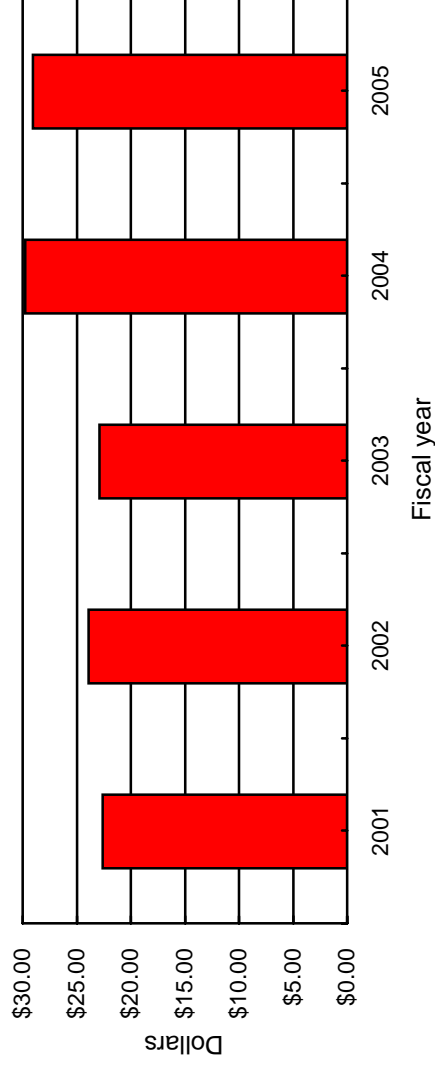
Warning Trend:

Decreasing meals tax revenues per capita
(constant dollars)

Formula:

$$\frac{\text{Meals Tax Revenues (constant dollars)}}{\text{Population}}$$

Meals Tax Revenues per capita



Fiscal year:	2001	2002	2003	2004	2005
Meals Tax Revenues	\$1,535,645	\$1,647,795	\$1,630,302	\$2,211,459	\$2,254,213
Consumer price index	170.3	171.1	174.3	179.7	186.7
Meals Tax Revenues (constant dollars)	\$901,729	\$963,060	\$935,343	\$1,230,639	\$1,207,399
Current population	39,933	40,294	40,868	41,358	41,558
Meals Tax Revenues (constant dollars)	\$22.58	\$23.90	\$22.89	\$29.76	\$29.05

Analysis:

The changes in FY 2001-2005 illustrates the economy and the strenght of Tech home football schedule. FY 2003 reflects Tech home football schedule and the number of weeknight games and early Saturday games as well as the impac of the bypass. The increase in FY 2004 reflects the raise in the tax rate from 4% to 5%.

INDICATOR 4

Intergovernmental Revenues

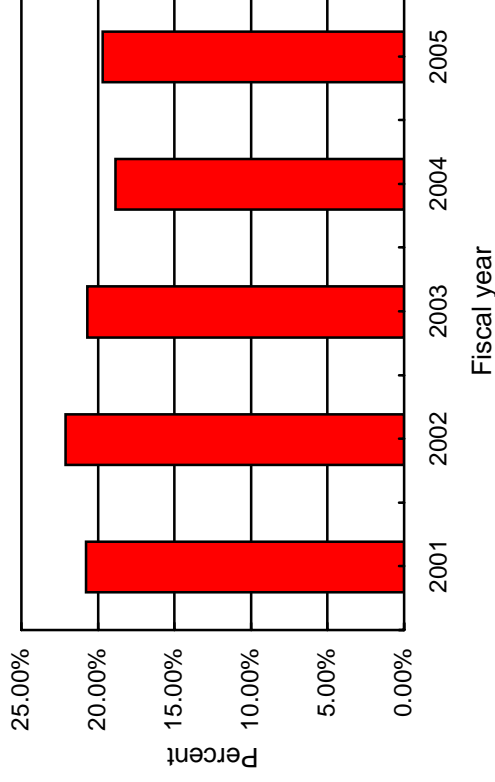
Warning Trend:

Decreasing amount of intergovernmental revenues as a percentage of gross operating revenues

Formula:

Intergovernmental operating revenues
Gross operating revenues

Intergovernmental Revenues



Fiscal year:	2001	2002	2003	2004	2005
Net Intergovernmental Revenues	\$3,019,205	\$3,365,800	\$3,285,855	\$3,300,739	\$3,670,464
Gross Operating Revenues	\$14,528,594	\$15,214,022	\$15,869,694	\$17,503,179	\$18,634,629
Intergovernmental Revenues as a Percent of Gross Operating Revenues	20.78%	22.12%	20.71%	18.86%	19.70%

Analysis:

Intergovernmental revenues over the five-year period have remained relatively stable from FY 2001-FY 2004. The increase in FY 2002 is due to the Wong property grant and wireless E911 funding that began in FY 2002. The increases in FY 2003 and FY 2004 is due to increases in Highway Maintenance funds. The increase in FY 2005 is due to the CDBG Block Grant and Entitlement funds. This area of revenue collection bears close scrutiny given the current economy.

INDICATOR 5

Property Tax Revenues

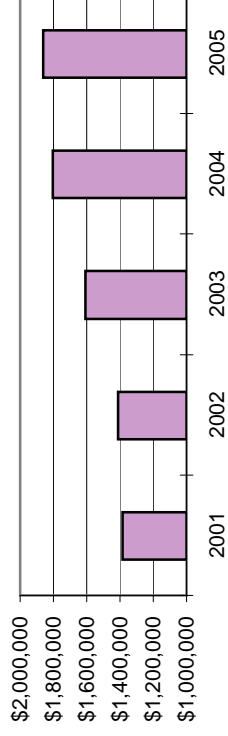
Property Tax Revenue

Warning Trend:

Decline in property tax revenues (constant dollars)

Formula:

Property Tax revenues
(constant dollars)



Fiscal year:	2001	2002	2003	2004	2005
Property Tax Revenues	\$2,357,320	\$2,415,624	\$2,802,989	\$3,238,721	\$3,474,486
Consumer Price Index	170.3	171.1	174.3	179.7	186.7
CPI Converted to Decimal	1.703	1.711	1.743	1.797	1.867
Net Property Tax Revenues (constant dollars)	\$1,384,216	\$1,411,820	\$1,608,141	\$1,802,293	\$1,860,999

Analysis:

Trends indicate that real estate tax revenues are generally stronger than inflation.

INDICATOR 6

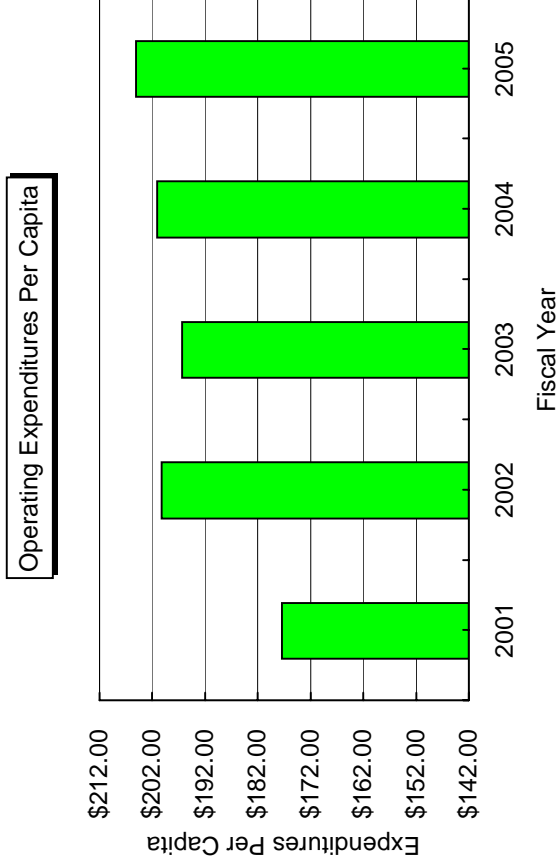
Expenditures per Capita

Warning Trend:

Increasing net operating expenditures per capita
(constant dollars)

Formula:

Net operating expenditures (constant dollars)
Population



Fiscal year:	2001	2002	2003	2004	2005
Net operating expenditures	\$12,067,256	\$13,801,445	\$13,985,927	\$14,940,592	\$15,909,652
Consumer price index	170.3	171.1	174.3	179.7	186.7
Net operating expenditures (constant dollars)	\$7,085,881	\$8,066,303	\$8,024,055	\$8,314,186	\$8,521,506
Estimated population	39,933	40,294	40,868	41,358	41,558
Net operating expenditures per capita (constant dollars)	\$177.44	\$200.19	\$196.34	\$201.03	\$205.05

Analysis:

Per Capita Expenditures per 2004 Comparative Cost Report:
(No education or Welfare)

Montgomery County
Roanoke County
Roanoke City
Radford City

Blacksburg
Christiansburg
Wytheville
Leesburg
Herndon
Vinton
Pulaski

\$388
\$797
\$892
\$947
\$1,047
\$730
\$622

INDICATOR 7

Employees Per Capita

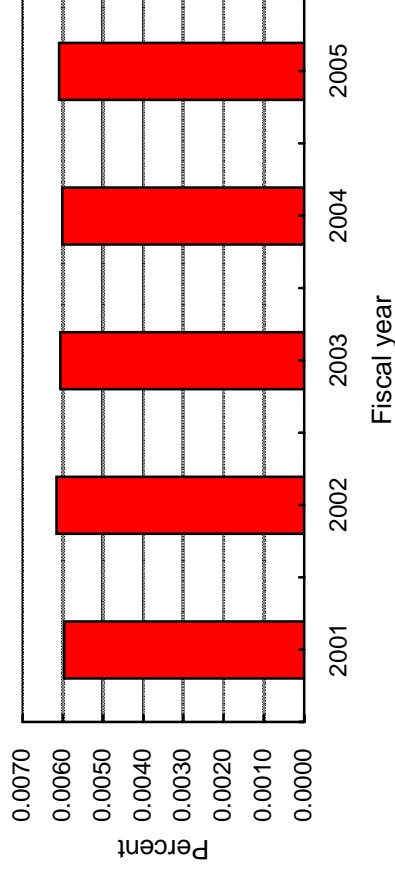
Warning Trend:

Increasing number of municipal employees per capita.

Formula:

$$\frac{\text{Number of municipal employees}}{\text{Population}}$$

Number of Full-Time Municipal Employees Per Capita



Fiscal year:	2001	2002	2003	2004	2005
Number of full-time municipal employees	238	248	248	249	253
Current population	39,933	40,294	40,868	41,358	41,558
Number of full-time municipal employees per capita	0.0060	0.0062	0.0061	0.0060	0.0061

Analysis:

This indicator compares the number of full-time employees to the population. The number of employees has remained relatively constant over the five-year period with increases over the past four years. This reflects the conversion of part-time employees to full-time status to more efficiently cover service areas. Municipal employees include all full-time personnel contained in the General Fund, Equipment Operations, Golf Course, Waste Management, Blacksburg Transit (not including bus operators) and Water and Sewer Funds.

INDICATOR 8

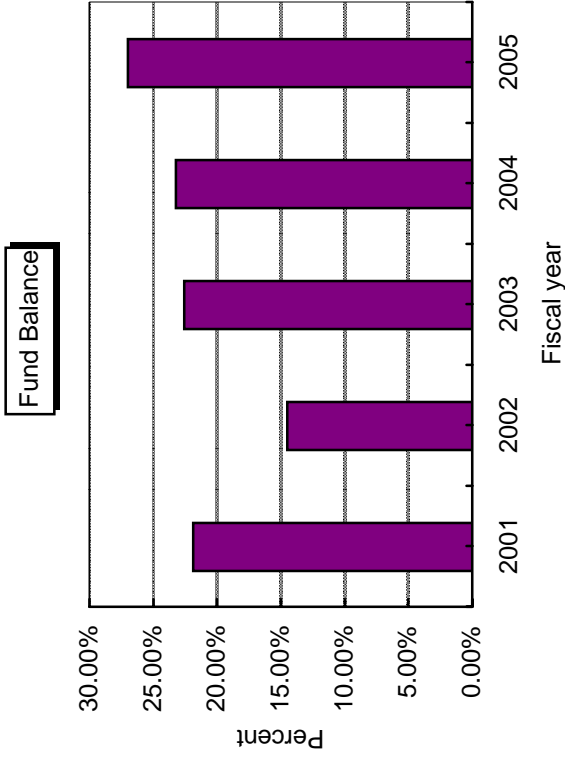
Fund Balances

Warning Trend:

Declining unreserved fund balances as a percentage of net operating expenditures.

Formula:

$$\frac{\text{Unreserved fund balances}}{\text{Net operating expenditures}}$$



Fiscal year:	2001	2002	2003	2004	2005
Unreserved General Fund Balance	\$2,636,971	\$1,999,469	\$3,154,001	\$3,470,528	\$4,295,975
Net Operating Expenditures	\$12,067,256	\$13,801,445	\$13,985,927	\$14,940,592	\$15,909,652
Unreserved General Fund Balance as a Percentage of Net Operating Expenditures:	21.85%	14.49%	22.55%	23.23%	27.00%

Analysis:

Through prudent direction by the Town Council, the trend of a declining fund balance in the late 1980's was reversed in the early 1990's. This indicator reflects the Town's capacity to deal with the unexpected or emergency situations. Town Council policy is to target a minimum undesignated fund balance equal to 10% of net operating expenditures. The declines in fund balance, while still maintaining the Town Council policy, are due to the use of fund balance for one-time capital purchases. The increases are due to the receipt of bond proceeds.

INDICATOR 9

Long-term Debt

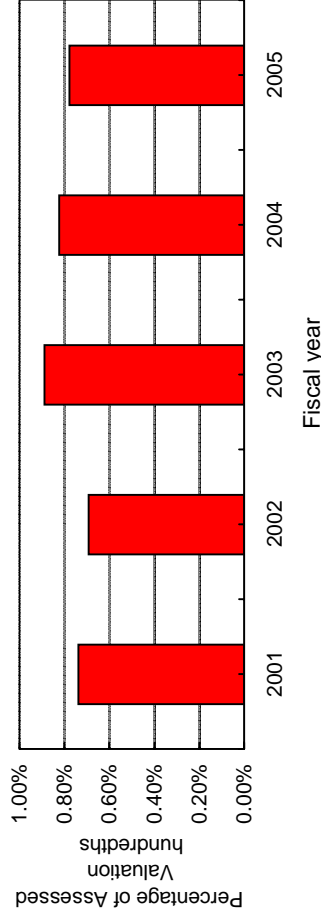
Warning Trend:

Increasing net direct bonded long-term debt as a percentage of assessed valuation.

Formula:

Net direct bonded long-term debt
Assessed Valuation

Long-Term Debt as a Percentage of Assessed Valuation



Fiscal year:	2001	2002	2003	2004	2005
Assessed Valuation	\$1,193,370,046	\$1,212,050,210	\$1,586,867,200	\$1,621,977,314	\$1,671,501,399
Net Direct Long-term General Fund Debt	\$8,815,591	\$8,394,612	\$14,102,270	\$13,360,402	\$13,006,198
Net Direct Long-term Debt as a Percentage of Assessed Valuation	0.74%	0.69%	0.89%	0.82%	0.78%

Analysis:

The State mandated legal maximum debt the Town may incur is 10% of assessed valuation. Low debt percentages are an indication of a locality's ability to finance future bond issues coupled with the indicator that measures net debt against net operating revenues. The Town is well within the legal debt maximum of 10% of assessed real estate valuation. The increase in FY 2003 is due to the \$6,300,000 general obligation bond.

INDICATOR 10

Capital Outlay

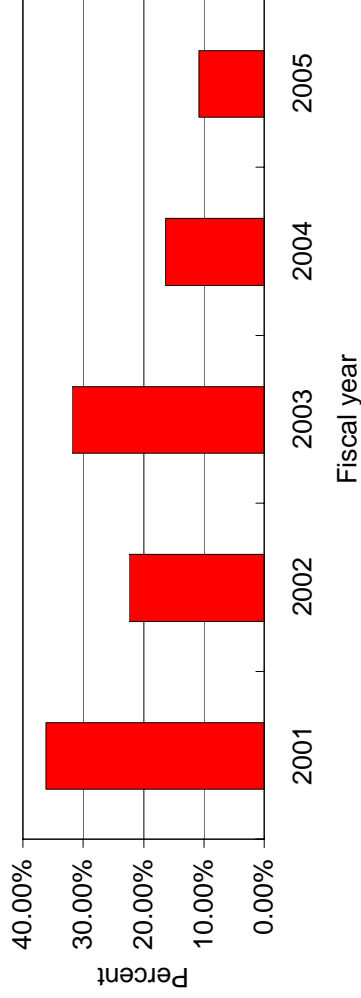
Warning Trend:

A three or more year decline in capital outlay as a percentage of net operating expenditures

Formula:

$$\frac{\text{Capital outlay}}{\text{Net operating expenditures}}$$

Capital outlay



Fiscal year:	2001	2002	2003	2004	2005
Total capital outlay	\$4,371,051	\$3,096,783	\$4,451,197	\$2,438,500	\$1,721,390
Operating expenditures and transfers	\$12,067,256	\$13,801,445	\$13,985,927	\$14,940,592	\$15,909,652
Capital outlay as a percentage of expenditures	36.22%	22.44%	31.83%	16.32%	10.82%

Analysis:

Yearly fluctuations in this indicator are the result of the timing and magnitude of different capital projects. This trend indicates a decrease in capital improvement expenditures during the past two years due to smaller bond

INDICATOR 11

Water and Sewer Rates

Fiscal Year	Water Rate	Water Fixed	Sewer Rate	Sewer Fixed
2002	\$2.67	\$1.91	\$2.96	\$1.94
2003	\$2.72	\$1.99	\$3.12	\$2.02
2004	\$2.82	\$2.06	\$3.22	\$2.09
2005	\$2.92	\$2.08	\$3.48	\$2.11
2006	\$3.06	\$2.10	\$3.48	\$2.13

Analysis:

In FY 1994 the billing structure changed based on a consultant's study from a declining volume rate with a minimum bill system to a fixed billing charge and one volume rate. The rate increase in FY 2006 is consistent with the consultant's recommendation.

INDICATOR 12

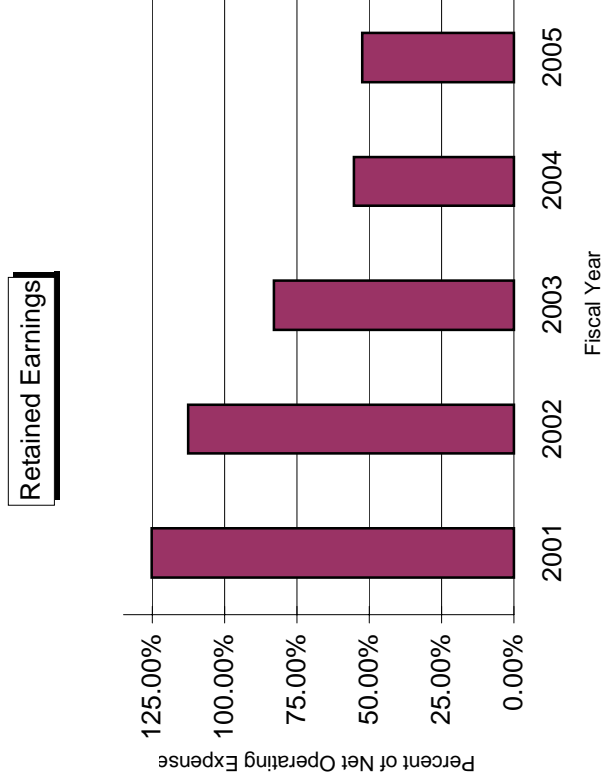
Retained Earnings - Water and Sewer Fund

Warning Trend:

Declining unreserved retained earnings as a percentage of net operating expenses

Formula:

Unreserved retained earnings
Net operating expenses



Fiscal year:	2001	2002	2003	2004	2005
Unreserved Water & Sewer Fund Retained Earnings	\$6,645,983	\$6,100,515	\$4,720,691	\$3,225,008	\$3,159,499
Net Operating Expenses	\$5,301,454	\$5,415,055	\$5,694,003	\$5,835,549	\$6,033,201
Unreserved Water & Sewer Retained Earnings as a Percentage of Net Operating Expenses	125.36%	112.66%	82.91%	55.26%	52.37%

Analysis:

The decline in retained earnings promoted the comprehensive consultant study on water/sewer rates. The trend has reversed as the higher rates are building retained earnings. The decline in FY 2002 thru FY 2003 is for capital projects and is in line with consultant study to use retained earnings to fund capital projects. The decline in FY 2004 and FY 2005 is due to capital projects and larger sewer authority payments due to infiltration.

INDICATOR 13

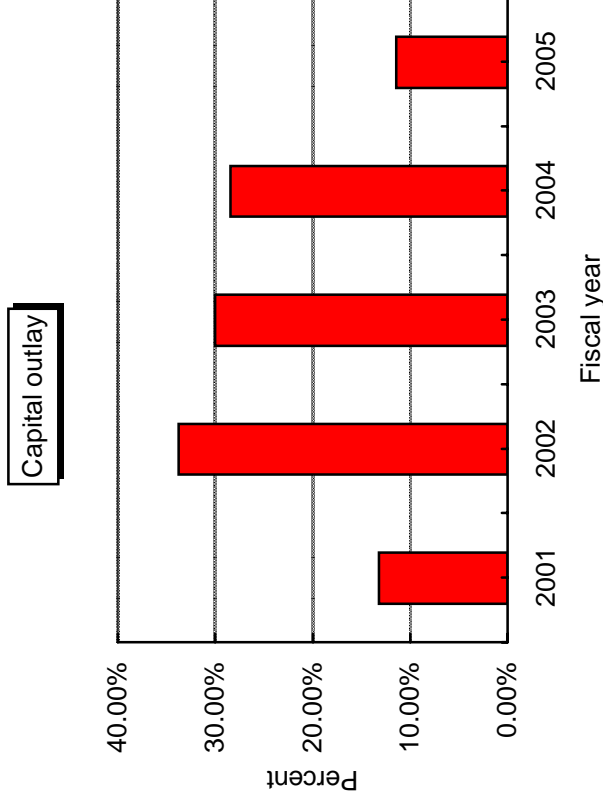
Capital Outlay - Water & Sewer Fund

Warning Trend:

A three or more year decline in capital outlay as a percentage of net operating expenses and transfers.

Formula:

$$\frac{\text{Capital outlay}}{\text{Net operating expenditures}}$$



Fiscal year:	2001	2002	2003	2004	2005
Total capital outlay	\$701,389	\$1,829,590	\$1,708,188	\$1,660,814	\$689,846
Operating expenses and transfers	\$5,301,454	\$5,415,055	\$5,694,003	\$5,835,549	\$6,033,201
Capital outlay as a percentage of expenses and transfers	13.23%	33.79%	30.00%	28.46%	11.43%

Analysis:

Yearly fluctuations in this indicator are the result of the timing and magnitude of different capital projects.

INDICATOR 14

Debt Service - Water And Sewer Fund

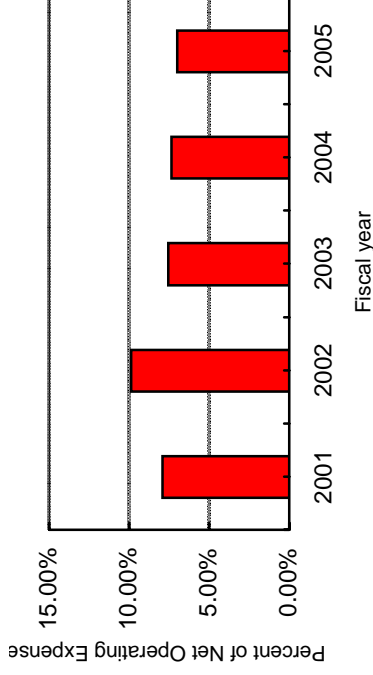
Warning Trend:

Increasing debt service as a percentage of net operating expenses.

Formula:

$$\frac{\text{Debt Service}}{\text{Net operating Expenses}}$$

Debt Service as a Percent of Net Operating Expense



Fiscal year:	2001	2002	2003	2004	2005
Debt Service	\$419,177	\$535,474	\$430,054	\$429,989	\$421,762
Net Operating Expenses	\$5,301,454	\$5,415,055	\$5,694,003	\$5,835,549	\$6,033,201
Debt Service as a Percentage of Net Operating Expenses	7.91%	9.89%	7.55%	7.37%	6.99%

Analysis:

This analysis shows a favorable trend of debt service expenses as a percentage of net operating expenses over the five year period. This trend is caused by stable debt service payments.

History of Property Tax Revenue for the Last Six Fiscal Years

(TABLE 1)

Fiscal Year	Assessed Value			Current Levy			Total Revenue from Property Taxation ¹		
	Amount	Percent Change	Tax Rate	Amount	Percent Change	Current Collections	Total Collections as a % of Levy ¹	Amount	Percent Change
2005	\$1,644,189,363	10.14%	0.20/0.22 ³	\$3,455,123	6.96%	\$3,416,830	100.56%	\$3,474,486	6.72%
2004	\$1,621,977,314	4.35%	0.20	\$3,230,340	15.56%	\$3,138,399	100.79%	\$3,255,801	15.44%
2003	\$1,554,359,900 ²	28.24%	0.20	\$2,795,356	12.71%	\$2,760,442	100.89%	\$2,820,279	16.83%
2002	\$1,212,050,210	0.83%	0.20	\$2,480,104	5.05%	\$2,330,639	97.33%	\$2,413,989	3.42%
2001	\$1,202,054,146	2.86%	0.20	\$2,360,831	2.06%	\$2,283,465	98.9%	\$2,335,850	0.51%
2000	\$1,168,576,566	3.53%	0.20	\$2,313,210	12.93%	\$2,259,483	100.5%	\$2,323,936	12.95%

¹Includes current taxes, delinquent taxes, and interest on delinquent taxes.

²Increase due to reassessment of real property effective January 1, 2003.

³Increase in tax rate from \$.0020 to \$.0022 effective for the second half billing for FY2005.

History of General Fund Revenue Other Than Property Tax for the Last Six Fiscal Years

(TABLE 2)

Fiscal Year	Intergovernmental Revenues		Other Local Taxes and Licenses		Charges for Rental of Properties and Current Services		All Other Revenue Including Interfund Transfers		Total Revenue	
	Amount		Amount	Percent Change	Amount	Percent Change	Amount	Percent Change	Amount	Percent Change
2005	\$3,670,464	13.23%	\$8,625,572	9.13%	\$845,079	4.66%	\$8,034,681 ³	297.12%	\$21,175,796	51.51%
2004	\$3,241,692	(1.36)%	\$7,904,288	8.39%	\$807,426	8.72%	\$2,023,226	(84.03)%	\$13,976,632	(58.26)%
2003	\$3,285,855	(2.38)%	\$7,292,229	3.07%	\$742,678	(3.55)%	\$12,668,310 ²	167.81%	\$23,989,072	50.48%
2002	\$3,365,800	15.03%	\$7,075,245	1.88%	\$770,018	12.54%	\$4,730,388	(35.73)%	\$15,941,451	(11.02)%
2001	\$2,926,084	2.05%	\$6,944,359	4.60%	\$684,191	14.52%	\$7,360,825 ¹	440.3%	\$17,915,459	15.62%
2000	\$2,867,177	25.12%	\$6,639,309	4.78%	\$597,427	(3.74)%	\$1,362,173	(71.75)%	\$11,466,086	(18.51)%

- 1 Receipt of bond proceeds in FY 2001 for use in FY 2001 and FY 2002 and receipt of \$1,450,000 bond proceeds for 1992 and 1994 advance debt refunding
- 2 Receipt of bond proceeds of \$6,300,000 in FY 2003 for use in FY 2003 and FY 2004 and receipt of \$1,037,794 bond proceeds for 1992 and 1994 advance debt refunding.
- 3 Receipt of bond proceeds of \$1,000,000 in FY 2005 and receipt of \$1,618,000 bond proceeds for 1996 advance debt refunding.

History of General Fund Operating Expenditures/Encumbrances for the Last Six Fiscal Years

(TABLE 3)

Fiscal Year	Public Works Expenditures		Public Safety Expenditures		Parks/Recreation Expenditures		All Other Operating Expenditures ¹		Total Operating Expenditures ²	
	Amount	Percent Change	Amount	Percent Change	Amount	Percent Change	Amount	Percent Change	Amount	Percent Change
2005	\$3,454,016	(8.76)%	\$5,398,199	6.26%	\$1,373,537	9.10%	\$4,681,036	(0.99)%	\$14,906,788	0.65%
2004	\$3,785,557	10.64%	\$5,080,061	1.46%	\$1,258,929	(2.40)%	\$4,685,690	11.74%	\$14,810,237	6.46%
2003	\$3,421,420	9.07%	\$5,007,124	4.86%	\$1,289,947	(0.28)%	\$4,193,419	(10.32)%	\$13,911,910	0.22%
2002	\$3,136,947	10.36%	\$4,774,885	12.58%	\$1,293,617	7.93%	\$4,675,995	37.44%	\$13,881,444	18.80%
2001	\$2,842,447	6.92%	\$4,241,345	1.38%	\$1,198,615	18.83%	\$3,402,238	13.94%	\$11,684,615	7.83%
2000	\$2,658,369	7.00%	\$4,183,388	9.52%	\$1,008,712	20.60%	\$2,985,913	15.00%	\$10,836,382	11.29%

¹ Includes Legislative, Executive, Finance, Technology, Legal, Judicial and Planning and Engineering.

² Does not include expenditures for debt service or capital outlay.

Six-Year Projection of Property Tax Revenue

(TABLE 4)

Fiscal Year	Projected Assessed Value ¹	Projected Tax Rate Per \$100 of Assessed Value	Projected Tax Levy	Current Collection As Percentage of Levy	Projected Current Tax Revenue	Total Projected Current and Delinquent Tax Revenue
2006	\$1,653,253,182	\$0.22	\$3,637,157	98.5%	\$3,582,600	\$3,622,600
2007 ¹	\$1,880,904,476	\$0.22	\$4,137,990	98.5%	\$4,075,920	\$4,115,920
2008	\$2,053,574,066	\$0.22	\$4,517,863	98.5%	\$4,450,095	\$4,490,095
2009 ²	\$2,095,014,305	\$0.22	\$4,609,031	98.5%	\$4,539,896	\$4,579,896
2010 ²	\$2,137,283,802	\$0.22	\$4,702,024	98.5%	\$4,631,494	\$4,671,494
2011 ¹	\$2,374,415,782	\$0.22	\$5,223,715	98.5%	\$5,145,359	\$5,185,359

¹Includes a projected 20% increase in assessed values due to reassessment effective January 1, 2007. Reassessment occurs every four years. FY 2007 and 2011 reflects one-half year impact of reassessment at an estimated 20% increase. FY 2008 reflects the full year impact of reassessment at an estimated 20% increase.

²Assumes an annual growth of 2.0% due to new construction for FY 2006-2007. This is based on the average annual growth rate in population from 1990 to 2000.

Six Year Projection of Total General Fund Revenue

(TABLE 5)

Fiscal Year	Property Tax ¹	Intergovernmental Revenues ²	Other Local Taxes and Licenses ³	Charges for Rental/Current Services ⁴	All Other Revenue ⁵	Total Revenue
2006	\$3,622,600	\$4,422,200	\$8,719,400	\$1,858,800	\$991,800	\$19,614,800
2007	\$4,115,920	\$4,426,370	\$9,068,176	\$1,910,846	\$1,019,570	\$20,540,883
2008	\$4,490,095	\$4,527,186	\$9,430,903	\$1,964,350	\$1,048,118	\$21,640,652
2009	\$4,579,896	\$4,630,825	\$9,808,139	\$2,019,352	\$1,077,466	\$22,115,678
2010	\$4,671,494	\$4,737,365	\$10,200,465	\$2,075,894	\$1,107,635	\$22,792,853
2011	\$5,185,359	\$4,846,889	\$10,608,483	\$2,134,019	\$1,138,648	\$23,913,399

¹ Reflects an average annual growth rate of 8.6%.

² Reflects an average annual growth rate of 2.0%.

³ Reflects an average annual growth rate of 4.3%.

⁴ Reflects an average annual growth rate of 2.5%.

⁵ Reflects an average annual growth rate of 2.5%.

Six- Year Projection of General Fund Operating Expenditures

(TABLE 6)

	Public Works Expenditures		Public Safety Expenditures		Parks/Recreation Expenditures		All Other Operating Expenditures ¹	
Fiscal Year	Amount	Percent Change ²	Amount	Percent Change ²	Amount	Percent Change	Amount	Total Amount ³
2006	\$4,773,477	--	\$5,929,538	--	\$1,433,559	--	\$3,989,690	\$16,126,264
2007	\$5,022,514	5.22%	\$6,239,298	5.22%	\$1,487,276	3.75%	\$4,128,788	\$16,877,875
2008	\$5,234,190	4.21%	\$6,505,729	4.27%	\$1,552,972	4.42%	\$4,308,417	\$17,601,308
2009	\$5,373,872	2.67%	\$6,680,328	2.68%	\$1,595,701	2.75%	\$4,413,428	\$18,063,328
2010	\$5,533,923	2.98%	\$6,881,838	3.02%	\$1,644,367	3.05%	\$4,557,245	\$18,617,373
2011	\$5,772,199	4.40%	\$7,184,628	4.40%	\$1,713,404	4.20%	\$4,742,403	\$19,412,634

¹ Includes Legislative, Executive, Finance, Legal, Technology, Judicial and Planning and Engineering

² Growth factors used for FY 2008 through FY 2011 average approximately 4%.

³ Does not include projections for debt service or capital outlay.

Six-Year Projection of General Fund Obligated Debt Service

(TABLE 7)

Fiscal Year	Bond Issuance Costs	FY1996 Bond Sale	FY1998 Bond Sale	Wong Property/ Brown Farm Loan/Energy Performance Lease	FY2001 Bond Sale	FY2002 Bond Sale	2003 Refunding Bond	2004 Bond Sale (2.0 m) ¹	2005 Refunding Bond	FY2006/07 Bond Sale (3.0 m) ¹	FY2008/09 Bond Sale (3.0 m) ¹	FY 2010/11 Bond Sale (3.0m) ¹	Total Debt Service
2006		\$111,703	\$344,710	\$168,303	\$203,353	\$417,868	\$127,373	\$146,270	\$59,030	--	--	--	\$1,578,610
2007	\$50,000	\$110,552	\$172,775	\$169,332	\$199,610	\$582,642	\$124,311	\$146,269	\$52,567	\$90,000	--	--	\$1,698,058
2008		\$109,273	\$172,630	\$170,420	\$262,628	\$562,292	\$75,761	\$146,270	\$52,142	\$325,500	--	--	\$1,876,916
2009	\$50,000	\$111,496	\$172,259	\$171,672	\$257,592	\$556,354	\$77,382	\$146,269	\$52,453	\$316,500	--	--	\$1,911,977
2010		--	\$171,686	\$93,564	\$250,248	\$534,818	\$75,967	\$146,270	\$163,361	\$307,500	\$90,000	--	\$1,833,414
2011	\$50,000	--	\$174,927	\$95,654	\$311,028	\$507,742	--	\$146,270	\$164,290	\$298,500	\$325,500	\$90,000	\$2,163,911

¹ Future bond sales reflect a projected 6% interest rate for 20 years.

General Fund Six-Year Projection of New Capital Financing Potential

(TABLE 8)

Fiscal Year	2006	2007	2008	2009	2010	2011
	General Fund Item					
Projected Operating Revenue	\$19,614,800	\$20,540,883	\$21,460,652	\$22,115,678	\$22,792,853	\$23,913,399
New Bond Issue	\$1,000,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000
Use of Fund Balance	\$1,553,000	\$528,100	--	--	--	--
Less Projected Operating Expenditures	\$16,126,264	\$16,877,875	\$17,601,308	\$18,063,305	\$18,617,373	\$19,412,634
Less Projected Reoccurring Capital Expenditures	\$2,026,523	\$1,964,950	\$1,982,428	\$2,000,396	\$2,018,866	\$2,037,854
Less Debt Service	\$1,578,610	\$1,698,058	\$1,876,916	\$1,911,977	\$1,833,414	\$2,163,911
Net Capital Financing Potential	\$2,436,403	\$2,028,100	\$1,500,000	\$1,640,000	\$1,823,200	\$1,799,000
Debt Service as % of Operating Expenditure	9.79%	10.06%	10.66%	10.58%	9.85%	11.15%

History of Water and Sewer Fund Revenue for the Last Six Fiscal Years

(TABLE 9)

Fiscal Year Ending	Water Service Charges		Sewer Service Charges		Availability Fees, Connections, Line Extensions, & Meter Installations		Interest & Other Miscellaneous Revenues		Total Revenue	
	Amount	Percent Change	Amount	Percent Change	Amount	Percent Change	Amount	Percent Change	Amount	Percent Change
2005	\$3,012,644	2.06%	\$3,200,540	4.62%	\$588,564	88.45%	\$450,033	74.32%	\$7,251,781	10.17%
2004	\$2,951,837	(0.48)%	\$3,059,253	(1.63)%	\$312,325	(6.95)%	\$259,098	(63.30)%	\$6,582,513	(3.79)%
2003	\$2,966,014	0.85%	\$3,109,100	3.55%	\$334,017	29.95%	\$423,109	(40.40)%	\$6,832,240	(1.13)%
2002	\$2,941,090	(4.17)%	\$3,002,423	1.27%	\$257,032	(8.83)%	\$709,965	(4.65)%	\$6,910,510	(2.12)%
2001	\$3,068,934	3.37%	\$2,964,840	6.96%	\$281,917	0.09%	\$744,592	(5.95)%	\$7,060,283	3.61%
2000	\$2,968,863	0.23%	\$2,771,838	2.04%	\$281,651	(56.46)%	\$791,669	1.09%	\$6,814,021	(4.32)%

History of Water and Sewer Fund Operating Expenditures for the Last Six Fiscal Years

(TABLE 10)

Fiscal Year Ending	Water Division Other Operating			Payment to Water Authority			Sewer Division Other Operating			Payment to Sewer Authority			All Other Operating ¹			Total Operating Expenditures ²		
	Amount	Percent Change		Amount	Percent Change		Amount	Percent Change		Amount	Percent Change		Amount	Percent Change		Amount	Percent Change	
2005	\$460,352	22.68%		\$1,484,815	2.33%		\$384,929	12.68%		\$2,119,291	(2.50)%		\$1,583,815	5.98%		\$6,033,202	3.38%	
2004	\$375,227	9.93%		\$1,450,997	0.53%		\$341,610	3.03%		\$2,173,645	0.40%		\$1,494,401	8.60%		\$5,835,880	3.16%	
2003	\$341,346	7.48%		\$1,443,342	1.90%		\$331,569	(4.42)%		\$2,164,970	35.23%		\$1,376,000	16.92%		\$5,657,227	16.44%	
2002	\$317,581	(1.33)%		\$1,416,431	2.01%		\$346,898	4.77%		\$1,600,930	(9.21)%		\$1,176,848	24.95%		\$4,858,688	2.36%	
2001	\$321,866	(5.16)%		\$1,388,479	1.96%		\$331,081	(0.87)%		\$1,763,278	6.10%		\$941,891	8.55%		\$4,746,595	3.99%	
2000	\$339,368	12.52%		\$1,361,792	(1.30)%		\$333,994	13.17%		\$1,661,789	1.79%		\$867,680	9.94%		\$4,564,623	1.78%	

¹ Includes Administration, Utility Billing and Pump Station Maintenance.

² Does not include expenditures for debt service or capital outlay.

Six-Year Projection of

(TABLE 11)

	Water Segment				Sewer Segment					
Fiscal Year Ending	Service Charges	Fixed Charges	Other ¹	Total Water	Service Charges	Fixed Charges	Other ²	Total Sewer	Other Miscellaneous Revenue ³	Fund Total
2006	\$3,121,000	\$217,000	\$167,000	\$3,505,000	\$3,159,400	\$202,600	\$22,000	\$3,384,000	\$283,600	\$7,172,600
2007	\$3,158,452	\$223,076	\$171,676	\$3,553,204	\$3,197,313	\$208,273	\$22,616	\$3,428,202	\$314,233	\$7,295,638
2008	\$3,196,353	\$229,322	\$176,483	\$3,602,158	\$3,235,681	\$214,104	\$23,249	\$3,473,034	\$345,723	\$7,420,916
2009	\$3,234,710	\$235,743	\$181,424	\$3,651,877	\$3,274,509	\$220,099	\$23,900	\$3,518,508	\$378,096	\$7,548,481
2010	\$3,273,526	\$242,344	\$186,504	\$3,702,374	\$3,313,803	\$226,262	\$24,569	\$3,564,634	\$411,374	\$7,678,383
2011	\$3,312,808	\$249,130	\$191,726	\$3,753,665	\$3,353,568	\$232,597	\$25,257	\$3,611,423	\$445,585	\$7,810,673

¹ Other Revenue includes Connection Charges, Meter Installations, Service Transfer Fees, Line Extensions and the Sale of Outside Watering Meters.

²Other Revenue includes Connection Charges and Line Extensions.

³Other Miscellaneous Revenue includes Water Tank Antenna Leases, Sale of Materials and Labor, Reconnection Fees, Interest, Collection and Penalties related to Delinquent Bills, and Miscellaneous Revenue.

Six-Year Projection of Water and Sewer Operating Expenditures

(TABLE 12)

Fiscal Year	Payments to Water & Sanitation Authorities ¹	Operating Expenditures	Equipment Replacement	Total Operating Expenditures ²	Percent Change
2006	\$3,945,900	\$2,460,415	\$129,605	\$6,535,920	--
2007	\$3,993,251	\$2,587,246	\$128,332	\$6,708,829	2.65%
2008	\$4,041,170	\$2,657,110	\$128,332	\$6,826,612	1.76%
2009	\$4,089,664	\$2,698,767	\$128,332	\$6,916,763	1.32%
2010	\$4,138,740	\$2,694,460	\$128,332	\$6,961,532	0.65%
2011	\$4,188,405	\$2,773,442	\$128,332	\$7,090,179	1.85%

¹ Based on wholesale water rates of \$1.28 per 1,000 gallons purchased for FY 2006-2011. Based on wholesale sewer rates of \$1.31 per 1,000 gallons purchased for FY2006-2011 and an annual growth of 1.2%.

² Does not include appropriations for debt service or capital outlay.

Six-Year Projection of
Water and Sewer Fund
Obligated Debt Service Expenditures

(TABLE 13)

Fiscal Year	1996 Bond Sale (\$700,000)	FY 1998 Bond Sale (\$800,000)	FY 2001 Bond Sale (\$2,000,000)	2003 Refunding	2004 Bond Sale (\$1,800,000) ¹	2005 Refunding Bond	2006 Bond Sale (\$3,500,000) ¹	2007 Bond Sale (\$1,800,000) ¹	2009 Bond Sale (\$1,000,000) ¹	AMR Lease	Total Debt Service	Net Revenue Coverage of Debt Service
2006	\$37,234	\$74,632	\$188,513	\$93,376	\$131,639	\$19,178	\$105,000	--	--	\$224,642	\$874,214	1.21
2007	\$36,851	\$37,407	\$190,051	\$91,131	\$131,642	\$17,522	\$379,759	\$54,000	--	\$112,321	\$1,050,684	1.16
2008	\$36,424	\$37,376	\$214,567	\$55,539	\$131,642	\$17,381	\$369,250	\$195,300	--	--	\$1,057,479	1.22
2009	\$37,165	\$37,296	\$212,578	\$56,728	\$131,642	\$17,484	\$358,750	\$189,900	\$30,000	--	\$1,071,543	1.23
2010	--	\$37,171	\$207,517	\$55,691	\$131,642	\$54,454	\$348,250	\$184,500	\$108,500	--	\$1,127,726	1.24
2011	--	\$37,873	\$275,070	--	\$131,642	\$54,763	\$337,750	\$179,100	\$105,500	--	\$1,121,699	1.24

¹Future bond sales reflect a projected 6% interest rate for 20 years.

Water & Sewer Fund Six-Year Projection of New Capital Financing Potential

(TABLE 14)

Water & Sewer Fund Item	2006	2007	2008	2009	2010	2011
Projected Operating Revenue	\$7,172,600	\$7,295,638	\$7,420,916	\$7,548,481	\$7,678,383	\$7,810,673
Availability Fees	\$417,000	\$633,875	\$699,275	\$691,325	\$683,375	\$675,425
New Bond Issue	\$3,500,000	--	\$1,800,000	--	\$1,000,000	--
Use of Cash Reserves	--	--	--	--	--	--
Less Projected Operating Expenditures	\$6,535,920	\$6,708,829	\$6,826,612	\$6,916,763	\$6,961,532	\$7,090,179
Less Debt Service	\$874,214	\$1,050,684	\$1,057,479	\$1,071,543	\$1,127,726	\$1,121,699
Net Capital Financing Potential	\$3,679,466	\$170,000	\$236,100	\$251,500	\$1,272,500	\$274,220

CAPITAL IMPROVEMENT PROGRAM

General Fund	Prior Allocation	Submitted 2006/07	Recommended 2006/07	Submitted 2007/08	Recommended 2007/08	Submitted 2008/09	Recommended 2008/09	Submitted 2009/10	Recommended 2009/10	Submitted 2010/11	Recommended 2010/11
Finance Department:											
AS400 Hardware Contingency	100,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
AS400 Peripheral Equipment Replacement	50,000	25,000		25,000	25,000	25,000	25,000	25,000	25,000	25,000	
AS400 Software Development Fund	35,000	25,000		25,000	25,000	25,000	25,000	25,000	25,000	25,000	
Subtotal	185,000	75,000	25,000	75,000	-	75,000	25,000	75,000	25,000	75,000	25,000
Fire Department:											
Generator		80,000									
Interoperability Repeater		25,000									
Subtotal	-	105,000	-	-	-	-	-	-	-	-	-
Rescue:											
Cardiac Monitors/Delibrators		25,000		150,000							
Development of Information Technology		25,000		28,000				32,000		28,000	
Opticom Lights	35,000	152,500		80,000		120,000					
Replace Communications System	17,900	44,500									
Replacement of Progress Street Station	37,000	42,000		482,600		382,500	125,000	3,404,000			1,500,000
Subtotal	52,900	271,000	-	686,600	-	502,500	125,000	3,436,000	-	28,000	1,500,000
Parks and Recreation Department:											
Construction Documents (Nature Center)		160,000									
Coarse Sand Trap Renovation		86,000									
Geopark		100,000									
Huckleberry Trail Extension	50,000	100,000				100,000					
Land Acquisitions		80,000									
Meeting Room/Training Room Addition		163,500									
New Fitness Center		150,000									
New Wooden Gym Floor		85,000									
Outdoor Pool Design and Construction		180,000	85,000				180,000				
Passenger Van for Senior Trip Program		50,000									
Resurface Tennis Courts		20,000									
Playground & Shelter Depreciation Fund	80,000	15,000	20,000								
Restroom Replacement in Parks		50,000	15,000				50,000				
Shelter Replacement		45,000					45,000				
Single Toilet Building, Two: One for Men and One for Women		22,000									
Water Slide		28,646									
Subtotal	130,000	1,315,146	120,000	-	-	375,000	-	-	-	-	-
Planning and Engineering:											
Aerial Mapping		128,700				50,000		20,000			
Document Management System		100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	
Major Street Improvements	22,000	22,000		22,000		22,000	10,000	22,000	15,000	22,000	15,000
Neighborhood Enhancement Grant Program											
New Vehicle		27,484	40,000								
Building Permit Software		250,000		150,000		121,000		350,000			
Stormwater Management Ponds		237,845									
Stormwater Projects		20,591									
Traffic Signal and South Main Median Revisions		1,075,520	140,000	272,000	100,000	293,000	10,000	482,000	115,000	122,000	15,000
Subtotal	122,000	1,075,520	140,000	272,000	100,000	293,000	10,000	482,000	115,000	122,000	15,000
Police Department:											
Police Conditional Firearms Training Facility		20,000	20,000								
Police Training Facility	950,845	30,000	30,000	30,000	30,000	30,000	30,000	30,000	60,000	30,000	60,000
Traffic Committee and Neighborhood Traffic Control Program		50,000	25,000						25,000		25,000
Vehicle Replacement - Office of the Chief		23,000									
Vehicle Replacement - School Resource Officers		43,560									
Subtotal	950,845	166,560	75,000	30,000	-	30,000	-	30,000	85,000	30,000	85,000
Public Works Department:											
Cemetery Reception/Service Building		50,000		474,000							
Curb, Gutter, and Sidewalk Replacement		39,928		33,780		34,320	43,200	43,200	43,200	38,480	39,000
Emergency Preparedness Equipment		25,000									
Environmental Management Program		16,300									
Major Facilities Repair		45,000		58,000		30,000					
Municipal Building Electrical Service Upgrade	60,000	40,000									
New Equipment Purchase - Tractor with Attachments		22,000									
Old Town Hall Renovations		18,680		160,000		20,000		18,000			
Parking Meter Replacement		37,500		37,500							
Parks & Landscape Division Storage Building Addition				32,800							
Radio Communication Upgrade		22,000									
Rental Property Maintenance		15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
Roof Replacement and Energy Upgrade	15,000	40,000		40,000		80,000					
Storage Building for Town Decorations		12,000									
Storm Drainage Improvements		20,000									
Streets Division Storage Building Addition											
Town Garage Renovations		15,000		15,000		28,000			50,000		
Town Signal Cabinet Upgrades		18,000	18,000			15,000					
Traffic Signal Emergency Power Supply		54,000		18,000		54,000					
Traffic Signal Equipment Replacement	27,000	94,000		54,000		54,000		54,000		54,000	
Traffic Signal Head Replacement	20,000	24,000		24,000		17,000		17,000			
Traffic Signal Pole Replacement		120,000		169,000		120,000		140,000		120,000	
Transfers to Building Systems Depreciation Fund	45,833	45,833	45,833	45,833	45,833	45,833	45,833	45,833	45,833	45,833	45,833
Transfers to Equipment Depreciation Fund		619,099	619,099	619,099	619,099	619,099	619,099	619,099	619,099	619,099	619,099
Subtotal	185,833	1,316,340	721,932	1,812,992	679,932	1,036,252	779,932	952,132	913,132	937,412	748,932
Technology Department:											
Code Enforcement Software		20,000									
Fiber Optic Network Expansion/Conduit for Town of Blacksburg		25,500									
HTE Application Training	74,500	30,000									
HTE Work Order Process Review		30,000									
Network Contingency	50,000	15,000									
SAN - Storage Area Network / Network Virtualization		75,000								40,000	40,000
Server Replacement/Upgrade	40,000	60,000								105,000	105,000
Technology Upgrade	539,154	105,000	105,000	105,000	105,000	105,000	105,000	105,000	105,000	105,000	105,000
Subtotal	703,654	360,500	180,000	105,000	-	105,000	105,000	105,000	105,000	185,000	105,000
Town Manager:											
Alexander Black House Renovations	423,389	175,322		175,322		175,322		175,322		175,322	
Downtown Improvements: College Avenue Promenade	903,500	1,060,000		720,000		750,000		800,000		700,000	
Downtown Improvements: Draper Road Improvements						280,000					

CAPITAL IMPROVEMENT PROGRAM

	Prior Allocation	Submitted 2006/07	Recommended 2006/07	Submitted 2007/08	Recommended 2007/08	Submitted 2008/09	Recommended 2008/09	Submitted 2009/10	Recommended 2009/10	Submitted 2010/11	Recommended 2010/11
Downtown Improvements: Facade Improvements/Grants											
Downtown Improvements: Farmers Market Improvements											
Downtown Improvements: Roanoke Street Improvements											
Downtown Improvements: South Main Street Streetscape											
Municipal Complex Expansion and Town Hall Renovations											
North Main Street Betterment Costs											
Odd Fellow Hall Restoration											
WTOB Digital Upgrade											
Subtotal	781,500	2,000,000	1,400,000	68,500	1,400,000	500,000	50,000	104,621	1,260,000	104,621	
	170,900	46,100	46,100	104,621		104,621				104,621	
	2,279,289	3,356,422	1,446,100	1,093,443	1,400,000	1,184,943	800,000	1,204,943	1,260,000	1,004,943	-
Total General Fund Projects	4,609,521	8,043,488	2,708,032	4,077,035	2,179,932	3,226,685	2,319,932	6,295,075	2,503,132	2,382,355	2,478,932
Water/Sewer Fund											
Finance Department:											
Meter Maintenance and Replacement	167,526	21,000		21,000		21,000		21,000		21,000	
Radio/Read Vehicle Transceiver Unit (YXU) Replacement/Upgrade		7,000		7,000		7,000		7,000		7,000	
Subtotal	167,526	28,000	-	28,000	-	28,000	-	28,000	-	28,000	-
Planning and Engineering:											
Highway Truck Inspection		27,000									
Coastal Survey Data Acquisition System		32,500		66,100		66,100					
Coast Bank Ridge Water Storage Facility								879,648			
IDSE/Stage 2 DBP Program		30,000	30,000	40,000		40,000					
Sewer System Upgrade											
Shenandoah I Sewer Pump Station Analysis and Upgrade		50,000		102,000		575,000	50,000		675,000		246,500
Water Storage Facility	95,000			1,796,366		1,800,000					
Water System Upgrades	100,000	178,880		197,780				188,708			
Waterline Extension	10,000	946,006	113,000			115,074			133,900		
Subtotal	205,000	1,264,386	170,000	2,202,246	1,906,100	855,534	116,100	1,068,356	808,900	-	246,500
Public Works Department:											
Electrical Service Upgrade		90,000			90,000						
EMSP2 Program - Sanitary Sewer Inflow & Infiltration Abatement	250,000		250,000			250,000	71,000	250,000	325,000	250,000	
New Equipment Purchase-Tractor with Attachments		30,000									
Radio Communication Upgrade		11,000									
Transfers to Equipment Depreciation Fund		128,332	128,332	128,332	128,332	128,332	128,332	128,332	128,332	128,332	
Used Vehicle and Equipment Replacements		15,500									
Utility Division Building Addition		42,600									
Water Main Replacements		83,160		64,400	40,000	82,600	64,400	56,000	138,600	27,720	27,720
Subtotal	250,000	650,592	128,332	442,732	258,332	460,932	263,732	434,332	591,932	406,052	156,052
Total Water/Sewer Fund Projects	643,526	1,942,978	298,332	2,672,978	2,164,432	1,344,466	379,832	1,530,688	1,400,832	434,052	402,552
Golf/Swimming Pool Fund											
Transfers to Equipment Depreciation Fund	-	10,690	10,690	10,690	10,690	10,690	10,690	10,690	10,690	10,690	10,690
Total Golf/Swimming Pool Fund Projects	-	10,690	10,690	10,690	10,690	10,690	10,690	10,690	10,690	10,690	10,690
Transit Fund											
Blacksburg Transit Multimodal Facility	650,000	10,000,000	10,000,000	220,000	220,000	112,000	112,000	114,000	114,000	116,000	116,000
B1 Access Body on Chassis (BOC) Van Expansion		324,000				336,000	336,000	228,000	228,000	232,000	232,000
B1 Access Body on Chassis (BOC) Van Replacement	653,900	108,000	108,000	988,400	988,400	1,017,600	1,036,800	1,036,800	1,036,800	1,056,000	1,056,000
Fixed Route Bus Expansion	1,716,200	72,200	979,200	1,686,000	1,686,000	1,796,800	1,827,800	1,827,800	1,827,800	1,747,200	
Radio Replacement and Expansion Program	41,200					880	886	3,648	3,648	928	928
Shelter, Amenities, and Bike Rack Replacement and Expansion Program	3,200	5,184	23,585	14,200	14,200	15,000	15,000	21,500	21,500	12,900	12,900
Simulator Acquisition and On-going Maintenance Costs	31,655					265,000	265,000	15,000	15,000	15,000	15,000
Staff Vehicle Expansion	29,580	46,920	75,300	113,300	113,300	25,760	26,500	26,500	26,500	29,000	29,000
Technology Replacement and Expansion Program	46,500	36,980	36,980	24,000	24,000	61,600	61,600	34,200	34,200	111,360	111,360
Transit Capital Assets Program		50,000	50,000	111,100	111,100	44,080	44,080	28,220	28,220	28,680	28,680
Transit Facility Expansion and Furnishings	4,100,000	300,000	300,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Transit Facility Maintenance Cost Program		90,000	90,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Trip Planner	35,000	16,080	16,080	25,000	25,000	50,000	50,000	50,000	50,000	75,000	75,000
Total Transit Fund Projects	7,446,155	12,207,529	12,307,529	3,307,880	3,307,880	3,523,936	3,523,936	3,435,668	3,435,668	2,474,068	2,474,068
Equipment Replacement Fund											
Major Equipment Purchase		961,000	961,000	828,000	828,000	434,000	434,000	777,000	777,000	567,000	567,000
Used Vehicle and Equipment Replacements		65,000		50,000		65,000		20,000			
Total Equipment Replacement Fund Projects	-	1,026,000	961,000	878,000	828,000	499,000	434,000	797,000	777,000	567,000	567,000
Major Building System Replacement Fund											
Major Building System Replacement		38,000	38,000	7,500	7,500	31,000	31,000	900	900	23,000	23,000
Total Major Building System Replacement Fund Projects	-	38,000	38,000	7,500	7,500	31,000	31,000	900	900	23,000	23,000
Solid Waste/Recycling Fund											
Transfers to Equipment Depreciation Fund		21,840	21,840	21,840	21,840	21,840	21,840	21,840	21,840	21,840	21,840
Wheeled Residential Recycling Carts		51,656									
Total Solid Waste/Recycling Fund Projects	-	73,496	21,840	21,840	21,840	21,840	21,840	21,840	21,840	21,840	21,840
Grand Total	12,699,202	23,442,181	16,346,423	10,975,923	8,520,274	8,657,627	6,721,230	12,091,861	8,150,062	5,913,005	5,978,082

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Finance

Project Title: AS400 Hardware Contingency

Project Location: Finance

Project Status: Continuing

Description and Justification:

This project establishes funding for AS400 hardware upgrades due to growth of data history and new applications, such as internet applications, procurement module, NaviLine, DMS, operating system upgrades and enhancement upgrades to current applications. Also this project will provide funding to allow us to keep pace with technology changes and provide contingency planning for critical application connected to the AS400.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Fund	Continuing	\$100,000	\$25,000		\$25,000	\$25,000	\$25,000	\$100,000	Continuing
Total	Continuing	\$100,000	\$25,000		\$25,000	\$25,000	\$25,000	\$100,000	Continuing



BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Rescue

Project Title: Replacement of Progress St. Station

Project Location:

Project Status: New

Description and Justification:

The present building is 47 years old and in poor repair. Additionally, the building does not meet the space requirements of the squad. We have inadequate parking, office, storage and living space at this time. As Blacksburg Rescue has expanded to serve the community we have outgrown our space on Progress St. New ambulances and other specialized equipment will no longer physically fit into the building. We are forced to store at least one ambulance and several response units outside at this time. The building also does not meet current ADA access requirements.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Obligation Bonds	\$1,625,000				\$125,000		\$1,500,000	\$1,625,000	
Total	\$1,625,000				\$125,000		\$1,500,000	\$1,625,000	



BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Parks & Recreation

Project Title: Huckleberry Trail Extension

Project Location: Prices Fork to Glade Road

Project Status: New

Description and Justification:

This project will assist in the construction of the Huckleberry Trail extension from Prices Fork to Glade Road. This extension would connect the Hethwood Community to the Heritage Park and then link to the National Forest. Grading, site amenities, and surfacing are needed for this project.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Fund	\$100,000				\$100,000			\$100,000	
Total	\$100,000				\$100,000			\$100,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Parks and Recreation

Project Title: New Wooden Gym Floor

Project Location: Gymnasium in Community Center

Project Status: New

Description and Justification:

Current gym flooring is old, has dangerous holes cut into it for poles. Gym projects an image on an old facility, below par when compared to recreation facilities in the area.

- New wooden gym floor would be lined for basketball, volleyball, tennis, badminton and soccer, with a walking tracked marked out around the area;
- Old floor has holes taped over because of poor installation of volleyball anchors;
- You cannot refinish the present flooring so it will always look old and worn;
- A new wooden floor can be refinished every year to look like new;
- Revenue from rentals and tournaments will at least triple with a new wooden floor.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Fund	\$85,000		\$85,000					\$85,000	
Total	\$85,000		\$85,000					\$85,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Parks and Recreation

Project Title: Outdoor Pool Design and Construction

Project Location: TBA

Project Status: New

Description and Justification:

This project is to design construction documents for a new outdoor pool complex. This would allow us to update the feasibility study, concept plans, and develop them into construction documents. Parks and Recreation Department is currently looking towards a partnership with a private source as well as the County.

Project Costs and Planned Financing of Project:

	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Obligation Bonds	\$180,000				\$180,000			\$180,000	
Total	\$180,000				\$180,000			\$180,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Parks & Recreation

Project Title: Playground & Shelter Depreciation Fund

Project Location: Town-wide

Project Status: New

Description and Justification:

This project will set aside money for future purchases when the park systems playground equipment becomes outdated. This fund will insure the safety of the equipment, guarantee the Town keeps current with standards and replacement of equipment in a timely manner.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Fund	\$15,000		\$15,000					\$15,000	Continuing
Total	\$15,000		\$15,000					\$15,000	Continuing

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Parks & Recreation

Project Title: Restroom Replacement in Parks

Project Location: Municipal Park, Tom's Creek Park

Project Status: New

Description and Justification:

This project will replace the 1 restroom in the Municipal Park or Tom's Creek Park. The restrooms are extremely old and difficult to clean, maintain and upgrade. We are requesting restrooms that are constructed of pre-cast concrete, built off-site and installed in a few hours. The concrete construction will limit the amount of vandalism that occurs to these structures and provide a new clean appearance for our park users. Over the next few years we plan to replace the other restrooms to meet this new standard.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Fund	\$130,000	\$80,000			\$50,000			\$50,000	None
Total	\$130,000	\$80,000			\$50,000			\$50,000	None

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Parks and Recreation

Project Title: Resurfacing Tennis Courts

Project Location: Municipal Park

Project Status: New

Description and Justification:

Resurfacing of the municipal park tennis courts.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Fund	\$20,000		\$20,000					\$20,000	
Total	\$20,000		\$20,000					\$20,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Parks & Recreation

Project Title: Shelter Replacement

Project Location: Municipal Park

Project Status: New

Description and Justification:

To replace and upgrade the 3 picnic shelters in the Municipal Park. The shelters are 25+ in age and are used and rented nearly every day from April through October. Each shelter is from a different vendor and need to be upgraded to meet the park standards.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Obligation Bonds	\$45,000				\$45,000			\$45,000	
Total	\$45,000				\$45,000			\$45,000	



BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning & Engineering

Project Title: Building Permit Management System

Project Location: General Fund

Project Status: New

Description and Justification:

Funds are requested for Fiscal Year 2006/2007 for implementing a building permit management system. The current system is frequently failing and prevents staff from tracking inspection requests and results and permit applications and approvals in a timely manner. Building inspections are processed in a 24 hour period, and hundreds of inspections per week must be tracked. This funding will replace the current system with one that is integrated with other digital property data systems for improvements in file management as well as service delivery. Funds are requested for software, hardware, installation, training, and document storage.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Fund	\$40,000		\$40,000					\$40,000	
Total	\$40,000		\$40,000					\$40,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning and Engineering

Project Title: Major Street Improvements

Project Location: Town-wide

Project Status: Ongoing

Description and Justification:

This project funds the Town Share (2%) of the designated streets within the VDOT Urban Highway Program. Five projects are currently included in the VDOT Six-Year Plan:

- 1) The Tom's Creek Road/U.S. 460 Interchange, construction to begin this Spring (total estimated cost \$10,120,000).
- 2) North Main Street improvements from College Avenue to Prices Fork Road per the Downtown Master Plan. Improvements will include a narrowed Main Street allowing for better pedestrian crossings, an enhanced pedestrian plaza and parking area fronting downtown businesses, and a roundabout at the intersection of Main Street and Prices Fork.
- 3) Intersection Improvements to enhance pedestrian safety and traffic flow: This project includes Ellett Road at South Main Street; Prices Fork Road at West Campus Drive; and Prices Fork Road at Tom's Creek Road.
- 4) North Main Street Improvements- This project is to widen Main Street to four lanes with landscaped medians, bike lanes, trails, and sidewalks from Giles Road to Mount Tabor Road, and shall include realigning Mount Tabor Road with Givens Lane.
- 5) Givens Lane Improvements and Progress Street Extension- This project widens Givens Lane to include bike lanes and sidewalks from Main Street to Chickahominy Drive. It will also extend Progress Street from its current terminus to Givens Lane.
- 6) Intersection Improvement to University City Boulevard and Prices Fork- This may be an improved signalized intersection or a round-a-bout. The project will include a pedestrian bridge crossing Prices Fork, however funding from the Town for the bridge shall not exceed \$300,000.
- 7) Huckleberry Trail Extension- This project will extend Huckleberry Trail along 460 and across Prices Fork Road to Heritage park.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Obligation Bonds		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		\$400,000	
Total		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		\$400,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning & Engineering

Project Title: Neighborhood Enhancement Grant Program

Project Location: Town-wide

Project Status: Prior Council-initiated program that is on-going.

Description and Justification:

This is a non-traditional operating and capital budget program which enhances Town-Neighborhood relations and facilitates physical improvements to private and public property that would not likely occur otherwise. Projects must meet pre-determined Council criteria for effectiveness and be approved by Council on an individual basis. This program incorporates private matching funds which would not otherwise be received as revenue.

Intangible benefits include increased citizen participation in civic activities, better formulation of neighborhood-Town partnering, and facilitating neighborhood organization that promotes communication and provides multiple private and public benefits.

Each grant award is limited to \$2,000 and requires a neighborhood match of cash and/or in-kind services (which can not a total of 25% of the neighborhood match).

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Fund	On-going	\$22,000			\$10,000	\$15,000	\$15,000	\$40,000	
Total	On-going	\$22,000			\$10,000	\$15,000	\$15,000	\$40,000	



BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Police

Project Title: Multi-Jurisdictional Firearms Training Facility

Project Location: 2366 Denhill Rd. Shawsville, VA

Project Status: New

Description and Justification:

The Blacksburg Police Department and the Montgomery County Sheriff's Department have shared a firearms training facility for more than twenty-five years. This facility when first developed years ago was in a rural undeveloped area of Town. However, over the past ten to twelve years, housing development have been rapidly growing in and around the training facility. This growth has generated some great concern on the part of the residents regarding the safety and noise from use of the range. As the growth continued to rise in the area so did the number of complaints regarding the range. In working with the Montgomery County Sheriff, he has located some county property that we can construct a Firearms Training Facility upon. The board of Supervisors has already granted a special use permit for this property to be use as Firearms Training facility. We again are partnering with the Sheriff to develop a Firearm Training Facility at the mentioned location in Montgomery County. As in the past we do plan to share the cost to develop this training facility

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Fund	\$20,000		\$20,000					\$20,000	
Total	\$20,000		\$20,000					\$20,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Police

Project Title: Police Communications System

Project Location: 200 Clay Street, Blacksburg Police Department

Project Status: In Progress

Description and Justification:

The police department has completed a total rebuild of the department's communications system. The system that has been installed and placed in use is top of the line and has the capability to be up-graded to a trunking system when the need arises. However to keep this system operating at its peak, the equipment must be replaced/up-graded on a schedule instead of allowing the system to deteriorate to the point of the department's old system. The department's communications consultant has outlined a recommended replacement schedule: portable radios 4 – 5 years, mobile radios 6 – 7 years, control stations/repeaters approximately 10 years. In order to have the appropriate funding available for the continued up-grade/replacement communications equipment it is requested that funds be placed into the current CIP Police Communications System project so that the department personnel and the citizens can be assured of a reliable and up to date communications system.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Fund	Ongoing	\$950,845	\$30,000			\$60,000	\$60,000	\$150,000	Ongoing
Total	Ongoing	\$950,845	\$30,000			\$60,000	\$60,000	\$150,000	Ongoing

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Police Department

Project Title: Traffic Committee and Neighborhood Traffic Control Program (NTCP)

Project Location: Town of Blacksburg

Project Status: Ongoing (Traffic Committee Funding Request New, NTCP Funding Request in Progress)

Description and Justification:

This Capital Improvement Program request will allow the Traffic Committee to respond in a timely to hazardous conditions brought to the attention of the Committee by citizens and Town staff. These hazardous conditions are often extremely time sensitive and cannot await resolution through the regular CIP process. In the past, hazardous conditions brought to the Committees attention were addressed through a variety of funding alternatives. This CIP request will allow the Traffic Committee to function in the same manner directed by the Town Manager and/or Town Council. These funds will be administered by the Traffic Committee with oversight from the Town Manager's Office. An illustrative list of possible projects could include guard rail installation, signage installation, crosswalk or stop-bar striping, and ADA curb-cut installation.

Under the Neighborhood Traffic Control Program, funding will be used to assist with design, engineering, and construction costs for neighborhood traffic calming devices to reduce speeding, cut through traffic, and other traffic concerns. Additionally, staff employs permanent signage, striping, and physical measures each year in the neighborhood traffic control program. Additional years of funding will be used for comprehensive projects with neighborhoods. Approximately 4 or 5 neighborhoods are in the program in any given year.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Fund	\$75,000		\$25,000			\$25,000	\$25,000	\$75,000	
Total	\$75,000		\$25,000			\$25,000	\$25,000	\$75,000	



BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Curb, Gutter, and Sidewalk Replacement

Project Location: Town-wide

Project Status: In Progress

Description and Justification:

This project funds the replacement of old deteriorated, damaged or settled portions of curb, and gutter and sidewalk according to the attached schedule.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Fund	continuing	continuing				\$43,200	\$39,000	\$82,200	continuing
Total	continuing	continuing				\$43,200	\$39,000	\$82,200	continuing

**Curb, Gutter, and Sidewalk Replacement
FY 2006/07 to FY 2010/11**

Fiscal Year	Location	Type	Length (lf)	Cost
2009/2010	Cambridge Road (From 700 Block to Newton Court)	Sidewalk	2700	\$43,200
2010/2011	Crestview Drive (From 1300 Block to Park Drive)	Curb & Gutter	780	\$13,000
	Eckel Street (800 Block)	Curb & Gutter	630	\$10,000
	Crestview Drive (From Park Drive to Sunrise Drive) (Right side from Park Drive)	Curb & Gutter	1000	<u>\$16,000</u>
		Total:		\$39,000

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Old Town Hall Renovation

Project Location: Old Town Hall

Project Status: New

Description and Justification:

As a result of moving the community housing and neighborhood services groups over to the Bennett House, only about 30% of this town building is currently occupied (downtown police bike patrol and tow non-profit organizations). The current condition of the building interior is not suited for commercial office space and there are no immediate or long term plans to occupy this vacated space.

This project would provide funding to renovate the Old Town Hall Building to bring it back as close to it's original interior configuration as is practicable without sacrificing its historic architectural integrity. It would also include modifying the front exterior wall to restore the original storefront appearance. The intent would be to remove all interior partitions, false ceilings, radiators, restrooms, etc., added over the last century to recreate the expansive interior space of the original building. The interior space was originally approximately 28-feet wide by 83-feet long with 11-foot ceilings and no interior columns. The original 18-inch square metal ceiling tile remains and the original horizontal bead board wall treatment on the inside of the exterior walls may have survived as well.

This project would be a complete renovation of the interior space to include façade repair and improvement, new flooring, ceiling repair, windows, doors, HVAC system, plumbing system, electrical system, restroom addition, and roof replacement. Where appropriate, sustainable building techniques would be incorporated to increase energy efficiency, reduce building life cycle costs, and enhance indoor environmental quality. The resulting renovated space would be a highly desirable downtown commercial space that could produce significant rental income capable of providing a payback period of less than 7 years.

The FY 2008-09 request would provide funding for the architectural design/construction documentation and the future years request would provide the funding necessary for the renovation. The Public Works department would manage the renovation using different subcontractors to accomplish the work.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Obligation Bonds	\$180,000				\$20,000			\$20,000	\$160,000
Total	\$180,000				\$20,000			\$20,000	\$160,000

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Rental Property Maintenance

Project Location: Thomas-Conner House and Armory Building

Project Status: In Progress

Description and Justification:

This project provides funding to handle major maintenance and unexpected repairs to the Thomas-Conner House and the Armory Building, both rental properties owned by the Town. Examples of projects funded in past years include floor refinishing, interior and exterior painting, shutter replacement and porch repairs. Unspent funds remaining in the account at the end of each fiscal year to rollover to the next fiscal year to build a balance for large expenditures.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Fund	continuing	continuing	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000	continuing
Total	continuing	continuing	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000	continuing

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Roof Replacement and Energy Upgrade

Project Location: Municipal Building

Project Status: In Progress

Description and Justification:

This project provides funding for the replacement of Town owned building roofs that are approaching the end of their useful life and/or are experiencing roof leaking problems due to damage or disrepair. This project also includes funding to upgrade roofs to increase the Energy Star rating of the roofs with respect to increasing reflectivity and decreasing radiant heat infiltration of the roof.

The FY 2008/09 request provides funding to replace the roof over the Municipal Building court facilities area and the roof over the Municipal Building courtroom/Town Council Chamber area. The future years request includes funding to upgrade the warehouse roof to increase its Energy Star rating and to replace the Progress Street Fire & Rescue Station building roof.

All funding requests include associated engineering fees where required to accomplish the roof replacement and all work will be performed by an outside contractor. All roof replacement projects will incorporate sustainable building techniques where practicable to enhance the energy performance of the new roof system and lower life cycle costs of the building.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Obligation Bonds	\$180,000				\$80,000			\$80,000	\$100,000
Total	\$180,000				\$80,000			\$80,000	\$100,000

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Storm Drainage Improvements

Project Location: Landsdowne Street

Project Status: New

Description and Justification:

This project funds storm drainage improvements on Landsdowne Street to correct a longstanding storm water problem from the public roadway onto private property. Asphalt curbing was installed several years ago as a temporary measure to mitigate the problem however this has proved to be inadequate. The proposed FY 2010/11 request would include funding to perform an engineering analysis of the storm water problem by a consultant to determine the magnitude of the problem and to assist staff with defining the appropriate scope of the storm drainage work. Public Works department crews would be used to perform the storm drainage work.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Fund	\$30,000						\$30,000	\$30,000	
Total	\$30,000						\$30,000	\$30,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Town Garage Renovations

Project Location: Public Works Complex

Project Status: New Project

Description and Justification:

This project provides for the renovation of the Town Garage to replace deteriorated interior and exterior metal panels and to enclose the existing end of the building for additional office and storage space. Moisture and chemicals have badly damaged many of the metal panels, especially in the area of the wash bay. Plans are to replace the panels and construct a masonry knee wall in the wash bay area. All damaged exterior metal panels will also be replaced. Upon completion, the entire garage building will be painted to provide a uniform appearance.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Obligation Bonds	\$50,000					\$50,000		\$50,000	
Total	\$50,000					\$50,000		\$50,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Traffic Signal Cabinet Upgrades

Project Location: Town-wide

Project Status: In Progress

Description and Justification:

This project provides funding to replace original traffic control cabinets installed over 25 years ago with current NEMA approved cabinets that will allow integration of future equipment such as OPTICOM preemption or video detection. Replacement parts for the older cabinets are no longer available and if damage to existing cabinets occurs, the intersection control and operation could be down for extended periods of time. The cost of the traffic signal cabinet upgrades is approximately \$18,000 per intersection. Work to continue over a three year period with one intersection completed each year. The priority of replacement is 1) Draper Road/Washington (to be completed in FY 2005/06), 2) Giles Road/Progress, and 3) Turner/Progress. All work to be done by Public Works crews.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Fund	\$54,000	\$18,000	\$18,000					\$18,000	\$18,000
Total	\$54,000	\$18,000	\$18,000					\$18,000	\$18,000

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Traffic Signal Head Replacement

Project Location: Downtown Intersections

Project Status: In Progress

Description and Justification:

This project provides funding to upgrade our existing traffic signal heads in the downtown area to prevent signal failures at these intersections. Due to the age of the existing signal heads, they are showing signs of extreme wear both from a structural and an electrical standpoint. Replacement is proposed over a three year period. The prior allocation funding (FY 2005/06) covers the intersections at Washington Street/Draper Road, Progress Street/Turner Street, and Giles Road/Progress Street. FY 2006/07 funding covers the intersections at Roanoke Street/S. Main Street and College Avenue/N. Main Street. Future years funding covers the intersections at Turner Street/N. Main Street and Washington Street/S. Main Street. All work to be done by Public Works crews.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Fund	\$68,000	\$20,000	\$24,000					\$24,000	\$24,000
Total	\$68,000	\$20,000	\$24,000					\$24,000	\$24,000

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Traffic Signal Replacement

Project Location: Town-wide

Project Status: In Progress

Description and Justification:

This project provides funding for the complete replacement of existing traffic signal equipment at the intersections of Country Club Drive/South Main Street and Heather Drive/Prices Fork Road. These intersections have equipment, poles, signal heads that are of extreme age. Parts are no longer available to maintain these intersections. At each intersection the poles and control equipment need to be upgraded. A failure of equipment or structures will place the intersection out of service. All work will be performed through VDOT and their regional signal contract.

This project also provides for the complete replacement of the existing traffic signal equipment at the intersection of Tom's Creek Road and University City Boulevard. This intersection is not physically configured appropriately and does not have the proper signalization equipment. As a result this intersection is inadequate and will only be further stressed after the completion of the US 460/Tom's Creek Road interchange project. The project includes \$49,000 for the engineering design (if required), lane modifications, and land acquisition costs. The lane modifications will be performed by Public Works. All other work will be performed through VDOT and their regional signal contract.

This project also provides an additional \$20,000 for a traffic engineering study on the intersection of Patrick Henry Drive and Progress Street to review the traffic impact on this intersection resulting from the Givens Lane road widening project scheduled to be completed in 2008/09.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Obligation Bonds	\$429,000					\$140,000		\$140,000	\$289,000
Total	\$429,000					\$140,000		\$140,000	\$289,000

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Transfers to Building Systems Depreciation Fund

Project Location: Various Town Buildings

Project Status: In Progress

Description and Justification:

This project supports the Major Building System replacement project by transferring funds to a depreciation fund, which is used to replace major building systems prior to their failure.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2005/06	2006/07	2007/08	2008/09	2009/10	Current 5-Year Total	Future Years
General Fund	continuing	continuing	\$45,833	\$45,833	\$45,833	\$45,833	\$45,833	\$229,165	continuing
Total	continuing	continuing	\$45,833	\$45,833	\$45,833	\$45,833	\$45,833	\$229,165	continuing

Transfers to Building Systems Depreciation Fund, 2006/07 -2010/11

Aquatic Center Description Heat Exchanger Voyager heat/cool package unit Z pack duct energy recovery system heat 1 gas fired water heater 1 gas fired boiler Dectron Energy Recovery Unit	Installation Date 2004 1993 1993 1993 1993 2003	Life 16 20 20 20 35 15	Replacement Cost \$10,000 \$10,000 \$8,000 \$2,000 \$35,000 \$300,000 \$365,000	Depreciation \$2,000 \$500 \$400 \$100 \$1,000 \$20,000 \$24,000	FY Replacement 2020 2013 2013 2013 2028 2018
Five Chimneys Description 1 a/c split system 1 gas fired furnace	Installation Date 1993 1993	Life 20 15	Replacement Cost \$4,000 \$3,000 \$7,000	Depreciation \$200 \$200 \$400	FY Replacement 2013 2018
Golf Course Description 1 split a/c system	Installation Date 1994	Life 15	Replacement Cost \$5,000 \$5,000	Depreciation \$333 \$333	FY Replacement 2009
Municipal Building Description 1 heat pump 1 roof top package unit 1 roof top package unit 1 roof top package unit 1 a/c condenser split system 1 small condenser split system	Installation Date 1993 1996 1991 1987 2001 2000	Life 15 20 20 20 15 15	Replacement Cost \$3,500 \$38,000 \$20,000 \$38,000 \$7,000 \$2,800 \$109,300	Depreciation \$233 \$1,900 \$1,000 \$1,900 \$467 \$187 \$5,687	FY Replacement 2008 2016 2011 2007 2016 2015
Old Town Hall Description 3 window a/c units 1 gas fired boiler	Installation Date 2004 1991	Life 15 30	Replacement Cost \$3,000 \$5,000 \$8,000	Depreciation \$200 \$167 \$367	FY Replacement 2019 2021
Parks & Rec Administration Description 2 forced air furnaces 2 split a/c systems	Installation Date 1998 1998	Life 20 20	Replacement Cost \$6,000 \$10,000 \$16,000	Depreciation \$300 \$500 \$800	FY Replacement 2018 2018

Transfers to Building Systems Depreciation Fund, 2006/07 -2010/11

Police Department Building									
Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement				
2 Trane roof top cooling & heating units	2003	20	\$30,000	\$600	2023				
1 pneumatic control system	1982	20	\$15,000	\$750	2012				
1 gas fired boiler	1982	20	\$25,000	\$1,250	2012				
2 a/c condenser split systems	1998	15	\$8,000	\$533	2013				
1 envirotech zone thermostat systems	1992	25	\$8,000	\$320	2017				
			\$86,000	\$3,453					
Police Storage Building									
Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement				
1 gas fired furnace	1999	20	\$3,500	\$175	2019				
			\$3,500	\$175					
Price House									
Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement				
1 gas fired boiler	2001	30	\$5,000	\$167	2031				
			\$5,000	\$167					
Price's Fork Rd. Fire House									
Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement				
2 split a/c systems	2005	20	\$16,000	\$800	2025				
2 infrared tube heaters	1991	30	\$8,000	\$267	2021				
2 forced air furnaces	1991	30	\$8,000	\$267	2021				
2 a/c & heat pump systems	1998	15	\$8,000	\$533	2013				
			\$40,000	\$1,867					
Progress St. Fire House									
Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement				
1 pneumatic control system	1982	30	\$15,000	\$500	2012				
1 gas fired boiler	1983	30	\$10,000	\$333	2013				
1 gas fired boiler	1982	30	\$25,000	\$833	2012				
3 roof top a/c package units	1989	20	\$30,000	\$1,500	2009				
2 split a/c systems	1989	20	\$16,000	\$800	2009				
			\$96,000	\$3,966					
Purchasing Warehouse									
Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement				
Horizontal Furnace	2000	20	\$1,500	\$75	2020				
3 window a/c units	1998	15	\$1,500	\$100	2013				
1 through wall a/c unit	1995	15	\$900	\$60	2010				
Exhaust Fan	1997	18	\$800	\$44	2015				
3 infrared heaters	1991	20	\$1,500	\$75	2011				
			\$6,200	\$354					

PW Administration Building

Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement
1 split a/c system - training	2004	16	\$4,500	\$281	2020
1 forced air gas horizontal furnace - admin	1998	20	\$3,000	\$150	2018
1 split a/c system - admin	1998	20	\$4,500	\$225	2018
1 forced air gas fired furnace - training	2004	20	\$3,000	\$150	2024
1 forced air gas fired furnace - lunchroom	2000	20	\$3,000	\$150	2020
1 split a/c system - lunchroom	2000	15	\$4,500	\$300	2015
			\$22,500	\$1,256	

PW Storage Building

Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement
1 gas fired furnace	1991	20	\$1,500	\$75	2011
			\$1,500	\$75	

Recreation Center

Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement
4 hot water air handlers	1982	40	\$10,000	\$250	2022
1 pneumatic temperature control system	1982	30	\$15,000	\$500	2012
1 gas fired boiler	1982	30	\$10,000	\$333	2012
1 roof top a/c package unit	1996	15	\$3,000	\$200	2011
			\$38,000	\$1,283	

Thomas-Conner House

Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement
2 a/c split systems	1994	25	\$20,000	\$800	2019
1 gas fired boiler	1994	30	\$5,000	\$167	2024
			\$25,000	\$967	

Town Garage

Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement
5 infrared gas fired heaters	1988	20	\$4,000	\$200	2008
2 gas fired tube heaters	2004	20	\$9,000	\$450	2024
1 window a/c unit	1998	15	\$500	\$33	2013
			\$13,500	\$683	
TOTAL EXISTING EQUIPMENT IN PROGRAM:			\$847,500	\$45,833	

TOTAL EXISTING EQUIPMENT IN PROGRAM:

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Transfers to Equipment Depreciation Fund

Project Location: Not Applicable

Project Status: In Progress

Description and Justification:

This fund was established in FY 1977/78 to set aside each year, on a cumulative basis, enough funding to allow for the replacement of equipment that has reached its useful life. The list on the following pages contains equipment presently included in the fund. Depreciation proposed for 2006/07 and future years are also displayed. Funding in this manner eliminates instances in which a large equipment purchase for the General Fund, Water and Sewer Fund, Golf Course Fund, CDBG Fund, and Waste Management Fund would require an increase in taxes, fees or utility service rates. An itemized listing of vehicles and equipment is included in the following pages. A total \$15,864 in General Fund depreciation transfers were saved each fiscal year as a result of delaying four equipment purchases based on their current condition. The replacement cost of the equipment not purchased totals \$194,000.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Fund	continuing	continuing	\$615,099	\$615,099	\$615,099	\$615,099	\$615,099	\$3,075,495	continuing
Golf Fund	continuing	continuing	\$10,690	\$10,690	\$10,690	\$10,690	\$10,690	\$53,450	continuing
W&S Fund	continuing	continuing	\$128,332	\$128,332	\$128,332	\$128,332	\$128,332	\$641,660	continuing
Waste Mgt.	continuing	continuing	\$21,840	\$21,840	\$21,840	\$21,840	\$21,840	\$109,200	continuing
CDBG	continuing	continuing	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$20,000	continuing
Total	continuing	continuing	\$779,961	\$779,961	\$779,961	\$779,961	\$779,961	\$3,899,805	continuing

TRANSFERS TO EQUIPMENT DEPRECIATION FUND 2007-2011

Equip. # CDGB Fund	Vehicle #	Description	FY Acquired	Life	Replacement Cost	Depreciation	FY Replacement
457	HD-201	Sedan, Economy	2001	7	14,000	2,000	2008
456	HD-202	Sedan, Economy	2001	7	14,000	2,000	2008
					28,000	4,000	
General Fund							
635	TM-101	Explorer, 4WD	2005	7	23,000	3,286	2012
702	AS-401	Pickup, 4WD, Crew Cab	2005	7	35,000	5,000	2012
9722	AS-501	Truck-Dump, Tandem	1998	9	70,000	7,778	2007
452	AS-502	Truck-Dump	2001	9	55,000	6,111	2010
454	AS-503	Truck-Dump, 4WD	2001	9	65,000	7,222	2010
98172	AS-603	Paver-Asphalt	1998	11	32,000	2,909	2009
445	AS-604	Roller-Asphalt	2000	13	30,000	2,308	2013
397	AS-607	Sweeper-Street	2000	10	101,000	10,100	2010
444	AS-701	Backhoe	2001	10	65,000	6,500	2011
50	AS-702	Grader	1989	17	90,000	0	2006
9953	AS-703	Loader	1999	12	89,000	7,417	2011
8184	SW-902	Traffic Message Board	2001	16	11,000	688	2017
9462	AS-902	Arrow Board	1995	16	10,000	625	2011
557	BD-401	F150 Pickup	2002	7	19,000	2,714	2009
683	BD-301	Van-Cargo-E250	2005	7	35,000	5,000	2012
93	BD-403	Truck-Pick-up, 3/4 ton 4WD	2001	7	35,000	5,000	2008
555	BD-405	Truck-Pick-up, 3/4 ton 4WD	2002	7	35,000	5,000	2009
483	BD-801	Genie Hydraulic Lift	2001	12	18,000	1,500	2013
562	CE-401	Pickup, F350, SC, 4WD	2003	7	25,000	3,571	2010
458	CE-701	Backhoe	2001	10	65,000	6,500	2011
461	CE-801	Tractor, 32 HP	2001	12	19,000	1,583	2013
425	CH-101	SUV, Standard	2001	7	22,000	3,143	2008
606	EG-102	SUV, Compact	2004	7	30,000	4,286	2011
98136	EG-103	SUV, Standard	2005	7	22,000	3,143	2012
423	EG-105	SUV, Standard	2001	7	22,000	3,143	2008
9902	EG-401	Truck-Pick-up	2006	7	20,000	2,857	2013
406	EO-101	SUV, Economy	2001	7	19,000	2,714	2008
419	EO-402	Truck-Pick-up, 1 ton 4WD	2001	7	40,000	5,714	2008
697	EO-501	Tractor, Cab	2005	15	70,000	4,667	2020
446	EO-901	Trailer, Low Boy	2001	16	18,000	1,125	2017
402	FD-02	Truck-Ladder	1999	20	800,000	40,000	2019
50003	FD-03	Mack Pumper	2005	20	350,000	17,500	2025
508	FD-04	Truck-Equipment	2004	20	150,000	7,500	2025

TRANSFERS TO EQUIPMENT DEPRECIATION FUND 2007-2011

Equip. #	Vehicle #	Description	FY Acquired	Life	Replacement Cost	Depreciation	FY Replacement
50005	FD-05	Mobile Air Unit (Chasis)	1993	20	300,000	15,000	2013
50009	FD-09	Pumper	1988	20	400,000	20,000	2007
50010	FD-10	Pumper	1998	20	221,000	11,050	2018
559	FD-11	Truck-Bush	2002	10	40,000	4,000	2012
50017	FD-17	Truck-Pick-up, F-550 4WD	2006	7	30,000	4,286	2013
50013	FD-21	SUV, Full Size	2004	7	30,000	4,286	2011
486	FD-23	Sedan, Full Size	2001	7	25,000	3,571	2008
485	FD-24	Sedan, Full Size	2001	7	25,000	3,571	2008
511	FI-101	SUV, Economy	2002	7	19,000	2,714	2009
	GP-101	Pickup-F150	2006	7	30,000	4,286	2013
466	GR-402	Truck-Pick-up, 3/4 ton 4WD	2001	7	30,000	4,286	2008
95138	GR-803	Mower-Front Deck	2002	7	14,000	2,000	2009
9468	GR-804	Mower-Tractor w/Flail Arm	2006	11	55,000	5,000	2017
625	HT-401	Truck-Pick-up, 1/2 ton 4WD	2004	7	20,000	2,857	2011
556	HT-402	Truck-Pick-up, 3/4 ton 4WD	2002	7	20,000	2,857	2009
628	HT-403	Truck-Pick-up, F550 4WD	2004	7	40,000	5,714	2011
517	HT-404	Truck-Pick-up, 1 ton 4WD	2002	7	30,000	4,286	2009
9733	HT-501	Truck-Dump, Flatbed	1998	9	45,000	5,000	2007
98109	HT-503	Truck-Bucket	1998	8	50,000	0	2006
304	HT-504	Truck-Water	1999	11	50,000	4,545	2010
95102	HT-702	Unloader	1996	11	42,000	3,818	2007
9789	HT-802	Gator	1998	13	10,000	769	2011
94120	HT-901	Stump Grinder	1995	11	12,000	0	2006
605	IN-101	SUV, Standard-Daniel	2004	7	22,000	3,143	2011
433	MP-101	SUV, Economy	2001	7	19,000	2,714	2008
434	MP-102	SUV, Economy	2001	7	19,000	2,714	2008
435	MP-401	Truck-Pick-up, F550 ton 4WD	2001	7	40,000	5,714	2008
420	PD-005	SUV, Standard	2001	7	22,000	3,143	2008
443	PD-011	SUV, Full Size	2001	7	30,000	4,286	2008
512	PD-021	Sedan, Full Size	2002	7	23,000	3,286	2009
514	PD-022	Sedan, Full Size	2002	7	23,000	3,286	2009
513	PD-023	Sedan, Full Size	2002	7	23,000	3,286	2009
534	PD-024	Sedan, Full Size	2002	7	23,000	3,286	2009
510	PD-025	Sedan, Full Size	2002	7	23,000	3,286	2009
518	PD-026	Sedan, Full Size	2002	7	23,000	3,286	2009
672	PD-051	SUV, Full Size	2005	7	30,000	4,286	2012
673	PD-052	Sedan, Full Size	2005	7	23,000	3,286	2012
670	PD-053	SUV, Full Size	2005	7	30,000	4,286	2012
671	PD-054	Sedan, Full Size	2005	7	23,000	3,286	2012

TRANSFERS TO EQUIPMENT DEPRECIATION FUND 2007-2011

Equip. #	Vehicle #	Description	FY Acquired	Life	Replacement Cost	Depreciation	FY Replacement
629	PD-055	Sedan, Full Size	2005	7	23,000	3,286	2012
	PD-061	SUV, Full Size	2006	7	30,000	4,286	2013
	PD-062	SUV, Standard	2006	7	22,000	3,143	2013
	PD-063	SUV, Standard	2006	7	22,000	3,143	2013
	PD-064	SUV, Full Size	2006	7	30,000	4,286	2013
33931	PD-931	Van, Evidence	1994	13	55,000	4,231	2007
460	PI-301	Van, Standard	2001	7	25,000	3,571	2008
467	PK-401	Truck-Pick-up, 3/4 ton 4WD	2001	7	30,000	4,286	2008
566	PK-402	Truck-Pick-up, 3/4 ton 4WD	2003	7	30,000	4,286	2010
515	PL-101	SUV, Standard	2002	7	22,000	3,143	2009
358	PL-801	Mowers (6)	2001	6	42,000	7,000	2007
349	PL-802	Mowers (6)	2000	6	42,000	7,000	2012
	PL-901	Leaf Boxes	2005	5	24,000	4,800	2010
426	PN-101	SUV, Standard-Gregg	2001	7	22,000	3,143	2008
424	PW-101	SUV, Standard	2001	7	22,000	3,143	2008
364	RC-102	SUV, Standard	2000	7	22,000	3,143	2007
459	RC-201	Sedan, Economy	2001	7	14,000	2,000	2008
682	RC-302	Van, 15-Passenger	2005	7	28,000	4,000	2012
465	RC-304	Van, 20-Passenger	2001	7	43,000	6,143	2008
479	RC-305	Van, Mini	2001	7	20,000	2,857	2008
669	RC-401	Truck-Pick-up	2005	7	20,000	2,857	2012
395	RS-03	First Response Vehicle	2000	7	60,000	8,571	2007
401	RS-04	Sedan, Full Size	2000	7	60,000	8,571	2007
487	RS-50	Ambulance, Type II	2001	7	125,000	17,857	2008
699	RS-53	Ambulance-4WD	2005	7	125,000	17,857	2012
4054	RS-54	Rescue Crash Truck	1992	21	450,000	21,429	2013
396	RS-56	Ambulance-Type II	1999	7	120,000	17,143	2013
711	RS-R1	Tahoe 4WD	2005	7	60,000	8,571	2013
712	RS-R2	Tahoe 4WD	2005	7	60,000	8,571	2013
703	SD-401	Truck-Pick-up, 3/4 ton 4WD	2005	7	35,000	5,000	2012
453	SD-501	Truck-Dump	2001	9	55,000	6,111	2010
448	SD-502	Truck-Dump	2001	9	55,000	6,111	2010
464	SD-701	Backhoe	2001	10	65,000	6,500	2011
96126	SD-702	Unloader	1997	11	42,000	3,818	2008
	ST-101	Pickup-F150	1999	7	30,000	4,286	2013
590	SW-401	Truck-Pick-up, 3/4 ton 4WD	2004	7	35,000	5,000	2011
462	SW-501	Truck-Dump	2001	9	55,000	6,111	2010
	SW-701	Backhoe		10	65,000	6,500	2007
9298	SW-702	Unloader	1993	13	42,000	0	2006

TRANSFERS TO EQUIPMENT DEPRECIATION FUND 2007-2011

Equip. #	Vehicle #	Description	FY Acquired	Life	Replacement Cost	Depreciation	FY Replacement
436	SW-901	Air Compressor	2001	11	14,000	1,273	2012
516	TE-401	Truck-Bucket	2002	7	50,000	7,143	2009
	TE-403	Truck-Pick-up, 1/2 ton 4WD	2005	7	20,000	2,857	2012
588	AM-101	Grand Cherokee	2004	5	25,000	5,000	2009
					6,660,000	615,099	
Golf Course Fund							
413	GC-402	Truck-Pick-up	2000	7	20,000	2,857	2007
9274	GC-801	Tractor, 40 HP	2004	12	30,000	2,500	2016
750	GC-810	Sprayer	2006	6	18,000	3,000	2012
624	GC-812	Mowers - (2)	2005	6	14,000	2,333	2011
					82,000	10,690	
Waste Management Fund							
626	WM-401	Truck-Pick-up, 1/2 ton 4WD	2005	7	20,000	2,857	2012
449	WM-501	Truck-Dump	2001	9	50,000	5,556	2010
451	WM-502	Truck-Dump	2001	9	50,000	5,556	2010
506	WM-901	Leaf Machine	1996	10	14,000	1,400	2016
95101	WM-904	Leaf Machine	1996	12	14,000	1,167	2008
9383	WM-905	Leaf Machine	2005	7	14,000	2,000	2012
9356	WM-906	Leaf Machine	2005	9	14,000	1,556	2014
507	WM-907	Leaf Machine	2002	8	14,000	1,750	2010
					190,000	21,840	
Water & Sewer Fund							
9827	PS-401	Truck-Pick-up, 3/4 ton 4WD	2005	7	30,000	4,286	2012
26	PS-402	Truck-Pick-up, 3/4 ton 4WD	2000	7	30,000	4,286	2007
9095	PS-403	Truck-Pick-up, 3/4 ton 4WD	2004	7	30,000	4,286	2011
698	PS-902	Sewer Pump	2005	10	74,000	7,400	2015
417	SE-301	Van, 4WD	1999	9	30,000	3,333	2008
417-A	SE-301A	Sewer TV System	2002	11	46,000	4,182	2013
742	SE-401	Truck-Pick-up, 3/4 ton 4WD	2005	7	30,000	4,286	2012
7	SE-402	Truck-Pick-up, 3/4 ton 4WD	2000	7	30,000	4,286	2007
522	SE-403	Truck-Pick-up, 3/4 ton DRW	2002	7	30,000	4,286	2009
9514	SE-501	Truck-Dump	2006	10	50,000	5,000	2016
98169	SE-701	Backhoe	1998	10	65,000	6,500	2008
436	SE-901	Air Compressor	2001	11	14,000	1,273	2012
9561	SE-904	Sewer Washer	2005	5	38,000	7,600	2010
582	SE-907	Vacuum Excavator	2004	10	40,000	4,000	2014
679	UB-401	Truck-Pick-up	2005	7	20,000	2,857	2012

TRANSFERS TO EQUIPMENT DEPRECIATION FUND 2007-2011

Equip. #	Vehicle #	Description	FY Acquired	Life	Replacement Cost	Depreciation	FY Replacement
9939	UB-402	Truck-Pick-up	2000	7	20,000	2,857	2007
	UT-101	Pickup-F150	2006	7	30,000	4,286	2013
622	UT-401	Truck-Pick-up, 1/2 ton 4WD	2005	7	25,000	3,571	2012
393	WA-401	Truck-Pick-up, 3/4 ton 4WD	2006	7	30,000	4,286	2013
450	WA-501	Truck-Dump	2001	9	50,000	5,556	2010
447	WA-502	Truck-Dump, Tandem	2001	9	60,000	6,667	2010
579	WA-601	Asphalt Milling Machine	2004	10	71,000	7,100	2014
677	WA-701	Backhoe	2005	10	65,000	6,500	2015
455	WA-703	Loader	2000	12	89,000	7,417	2012
422	WA-704	Unloader	2000	11	42,000	3,818	2011
523	WA-705	Backhoe, Heavy Track	2002	14	100,000	7,143	2016
428	WA-902	Air Compressor	2001	11	14,000	1,273	2012
					1,153,000	128,332	
					8,113,000	779,961	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Technology

Project Title: SAN – Storage Area Network / Network Virtualization

Project Location: All

Project Status: New

Description and Justification:

This project is fund the purchase of a Storage Area Network (SAN) and network virtualization software.

We are at a cross road for our network. We are out of server storage space, electrical power, air conditioning, and have almost reached our limit of tape backup capabilities. SAN and data storage virtualization technologies eliminate the need for tape backup, enable data storage redundancy, spread the networking load over multiple locations – thus giving us tremendous business continuity as the dependence on one data center is reduced. Further, this allows us to have all data appear together even though our IT resources are spread across multiple locations, thus giving us tremendous IT reliability. This project coupled with the server virtualization project, take Blacksburg's IT to the leading edge of current technology and ensure us continuous, dependable, and scalable IT data structure.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Fund	\$75,000		\$75,000					\$75,000	\$40,000
Total	\$75,000		\$75,000					\$75,000	\$40,000

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Technology

Project Title: Technology Replacement

Project Location: All

Project Status: Ongoing

Description and Justification:

This project will set aside funding to replace approximately one third (1/3) of the desktop and laptop computers every year. In addition this fund will replace network printers across the town – printers typically have a life of 4 to 5 years. Many of these printers have been replaced by the Ricoh copiers that are on 3 year leases. There are approximately 180 desktop and laptop computers are in use now by town staff (there is an additional 30 in use by Blacksburg Transit that is not covered by this fund). This count grows by 3 or 4 a year due to new positions and increased workforce automation.

The cost per PC is approximately \$1300 per desktop PC and about \$2300 for a laptop computer. It is anticipated we will need to replace 50 desktops and 15 laptop computers per year.

In FY04 we replaced 49 desktops, 8 laptops, and 5 printers

In FY05 we replaced 49 desktops and 9 laptops. We replaced 3 printers.

In FY06 we replaced 30 desktop and 9 laptop computers. We will replace 3 or 4 printers.

This funding will allow the Technology Department to keep modern computer systems of 3 years and newer on the desks of the town employees so we can maintain out strategic technology edge. This fund is not intended to replace server and infrastructure hardware.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Fund	\$644,154	\$539,154	\$105,000		\$105,000	\$105,000	\$105,000	\$420,000	Continuing
Total	\$644,154	\$539,154	\$105,000		\$105,000	\$105,000	\$105,000	\$420,000	Continuing

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Town Manager

Project Title: Downtown Improvements: College Avenue Promenade

Project Location: College Avenue/Henderson Lawn

Project Status: New

Description and Justification:

Designs and constructs improvements to College Avenue and Henderson Lawn as recommended by the Downtown Master Plan. The College Avenue Promenade is the marquee project included in the Downtown Master Plan and will result in the creation of an enhanced pedestrian streetscape and a town/university green space on Henderson Lawn that will serve as Blacksburg's town square.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Obligation Bonds	\$1,531,500	\$781,500			\$750,000			\$1,531,500	
TEA-21 Grant	\$122,000	\$122,000						\$122,000	
Total	\$1,653,500	\$903,500			\$750,000			\$1,653,500	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Town Manager's Office

Project Title: Municipal Complex Expansion and Town Hall Renovations

Project Location: Downtown – Government/Civic area

Project Status: New

Description and Justification:

This project will fund the expansion of the Municipal Complex and existing Town Hall renovations. The expansion of the municipal complex will provide improved and expanded conference and public meeting space, office/work space, improved service delivery areas and civic space. This may include the acquisition of property, renovation or construction of existing or new buildings, renovation and use of existing town properties, or the purchase and renovation of condominium space.

The expansion and renovation project is intended to solve immediate space issues as well as secure the future presence of the town government center and civic uses located in the downtown district. These improvements further the vision identified in the 2001 Comprehensive Plan of a municipal/civic core in the Draper/Clay/Washington/Miller blocks of downtown.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Fund	\$4,110,000		\$1,400,000	\$1,400,000	\$50,000	\$1,260,000		\$4,110,000	
Total	\$4,110,000		\$1,400,000	\$1,400,000	\$50,000	\$1,260,000		\$4,110,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Town Manager/Community Relations Office

Project Title: WTOB Digital Upgrade

Project Location: 300 South Main Street and 203 Washington Street

Project Status: In progress

Description and Justification:

In fiscal year 06/07 the Community Relations Offices will utilize existing and requested CIP funding to conclude the WTOB Channel 2 upgrade. This upgrade includes the full digital transition of the Five Chimneys facility and the Town Council Chambers.

Improvements to date include the thorough study of the existing equipment and resources used by WTOB, the subsequent purchase of production and post production equipment, and graphic and audio implements for improvement of production quality. The new MediaXtreme bulletin board system was one noticeable change made through this project.

Primary focus in fiscal year 06/07 will be to utilize existing CIP funding to initiate renovations to the technology infrastructure of Town Council Chambers, installation of a video server at Five Chimneys, and full implementation of streaming video on the web. The upgrade of Town Council Chambers will integrate seamlessly with the Five Chimneys infrastructure improvement, Technology department needs, as well as the provisions of the cable provider. Chamber improvements would include, at a minimum, new digital robotic cameras, digital video capturing, multi media presentation upgrades, control booth renovations and/or reconstruction, and lighting and projection improvements.

Requested fiscal year 06/07 funding would allow for the purchase of new digital video cameras, for both public access training and program advancement, and town employee useage. This project would also replace several in-house production cameras that are more than 10 years old. Additional production equipment would also be purchased to replace maintenance intensive equipment, and improve overall quality of programming and efficiency of post production processes.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
General Fund	\$217,000	\$170,900	\$46,100					\$217,000	
Total	\$217,000	\$170,900	\$46,100					\$217,000	



BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Blacksburg Transit Multimodal Facility

Project Location: Perry Street

Project Status: In progress.

Description and Justification:

Virginia Tech in conjunction with Blacksburg Transit is in the process of developing a centralized transit facility on campus to promote alternative transportation. The tentative location is on Perry Street, behind Cowgill / Whittemore Hall. The facility will include a large parking structure (600-800 cars), several retail businesses (i.e. coffee shop, bicycle repair, restaurants) and a multi-modal area for Blacksburg Transit. This major hub will include student amenities such as individual storage lockers, a large map of campus, a courtesy phone, an information kiosk, and a lobby space for customers to interact and wait for buses. In FY 04, Blacksburg Transit received concept funding; in FY 05 Blacksburg Transit received A&E and in FY 07 Blacksburg Transit is requesting construction funding. As with all transit capital projects, if grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Federal	\$8,520,000	\$520,000	\$8,000,000					\$8,000,000	Cont.
State	\$550,000	\$50,000	\$500,000					\$500,000	Cont.
Local	\$1,580,000	\$80,000	\$1,500,000					\$1,500,000	Cont.
Total	\$10,650,000	\$650,000	\$10,000,000					\$10,000,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: BT Access Body on Chassis (BOC) Van Expansion

Project Location: Blacksburg Transit Facility

Project Status: In progress.

Description and Justification:

Over the next five years, Blacksburg Transit would like to expand the fleet by five heavy duty BOCs to help achieve compliance with regulations with ADA. In addition, Blacksburg Transit may be purchasing heavy duty BOC's to expand service into Christiansburg. The final number and type of vehicles will be determined by the Town of Christiansburg. The proposed schedule for BOC Expansion per fiscal year is as follows: FY 07 – three heavy duty BOCs; FY 08 – two heavy duty BOC; FY 09 – one heavy duty BOC; FY 10 – one heavy duty BOC; and FY 11- one heavy duty BOC. As with all transit capital projects, if grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Federal	\$708,800		\$259,200	\$ 176,000	\$89,600	\$91,200	\$92,800	\$708,800	Cont.
State	\$62,456		\$17,496	\$17,600	\$8,960	\$9,120	\$9,280	\$62,456	Cont.
Local	\$114,744		\$47,304	\$26,400	\$13,440	\$13,680	\$13,920	\$114,744	Cont.
Total	\$886,000		\$324,000	\$220,000	\$112,000	\$114,000	\$116,000	\$886,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: BT Access Body on Chassis (BOC) Van Replacement

Project Location: Blacksburg Transit Facility

Project Status: In progress.

Description and Justification:

Blacksburg Transit has developed a replacement program for the BOC and minivan fleet, which meets local, state, and federal regulations that govern public safety. The proposed schedule for BOC replacement per fiscal year is as follows: FY 07 – one heavy duty BOC; FY 08 – none; FY 09 – three heavy duty BOCs; FY 10 – two heavy duty BOCs and FY 11- two heavy duty BOC's. As with all transit capital projects, if grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Federal	\$1,246,320	\$523,120	\$86,400		\$268,800	\$182,400	\$185,600	\$723,200	Cont.
State	\$130,458	\$61,378	\$5,400		\$26,880	\$18,240	\$18,560	\$69,080	Cont.
Local	\$181,122	\$69,402	\$16,200		\$40,320	\$27,360	\$27,840	\$111,720	Cont.
Total	\$1,557,900	\$ 653,900	\$108,000		\$336,000	\$228,000	\$232,000	\$904,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Fixed Route Bus Expansion

Project Location: Blacksburg Transit Facility

Project Status: In progress.

Description and Justification:

Blacksburg Transit in conjunction with Virginia Tech is working on the development and construction of a multi-modal transportation center at Perry Street and preparing for ACC expansion (football and basketball). In response, Blacksburg Transit is requesting three new buses a year for the next 5 years. The proposed schedule for bus expansions per fiscal year is as follows: FY 07 – three 40' buses; FY 08 -three 40' buses; FY 09 - three 40' buses; FY 10 - three 40' buses and FY 11- three 40' buses. As with all transit capital projects, if grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Federal	\$5,443,360	\$1,372,960	\$783,360	\$798,720	\$814,080	\$829,440	\$844,800	\$4,070,400	Cont.
State	\$581,998	\$204,334	\$48,960	\$79,872	\$81,408	\$82,944	\$84,480	\$377,664	Cont.
Local	\$778,842	\$138,906	\$146,880	\$119,808	\$122,112	\$124,416	\$126,720	\$639,936	Cont.
Total	\$6,804,200	\$1,716,200	\$979,200	\$998,400	\$1,017,600	\$1,036,800	\$1,056,000	\$5,088,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Fixed Route Bus Replacement

Project Location: Blacksburg Transit Facility

Project Status: In progress.

Description and Justification:

A replacement program for our base bus fleet has been developed and updated which meets the local, state, and federal regulations that govern public safety. The proposed schedule for bus replacements per fiscal year is as follows: FY 07 – one spare parts package and one spare engine; FY 08 - five 40' buses, one spare parts package; FY 09 – five 40' buses, two spare parts packages and one spare engine; FY 10 – five 40' buses, two spare parts packages, and one spare engine; and FY 11 - two 40' bus and two spare parts packages. As with all transit capital projects, if grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Federal	\$4,936,960	\$32,960	\$57,760	\$1,348,800	\$1,437,440	\$1,462,240	\$597,760	\$4,904,000	Cont.
State	\$492,505	\$4,271	\$3,610	\$134,880	\$143,744	\$146,224	\$59,776	\$488,234	Cont.
Local	\$741,735	\$3,969	\$10,830	\$202,320	\$215,616	\$219,336	\$89,664	\$737,766	Cont.
Total	\$6,171,200	\$41,200	\$72,200	\$1,686,000	\$1,796,800	\$1,827,800	\$747,200	\$6,130,000	Cont.

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Radio Replacement and Expansion Program

Project Location: Blacksburg Transit Facility

Project Status: In progress.

Description and Justification:

Blacksburg Transit has developed a replacement and expansion program for radios to maintain our system. The proposed schedule for radio replacement per fiscal year is as follows: FY07 – thirty batteries for handhelds and three radios; FY 08 – ten batteries for handhelds; FY 09 – ten batteries for handhelds; FY 10 – ten batteries for handhelds and three radios and FY 11- ten batteries for handhelds. As with all transit capital projects, if grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Federal	\$11,788	\$2,560	\$4,147	\$704	\$717	\$2,918	\$742	\$9,228	Cont.
State	\$1,023	\$256	\$259	\$70	\$72	\$292	\$74	\$767	Cont.
Local	\$1,925	\$384	\$778	\$106	\$108	\$438	\$111	\$1,541	Cont.
Total	\$14,736	\$3,200	\$5,184	\$880	\$896	\$3,648	\$928	\$11,536	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Shelter, Amenities, and Bike Rack Replacement and Expansion Program

Project Location: Blacksburg Transit Facility

Project Status: In progress.

Description and Justification:

Blacksburg Transit has put together an expansion /replacement program to maintain pace with the shelter needs in the community. Each year replacement parts and glass are needed for upkeep of current shelters. As routes are reviewed each year, shelters may be requested and installed at new stops. Replacement bike racks are needed each year due to damage and age. As with all transit capital projects, if grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Federal	\$94,432	\$25,324	\$18,868	\$11,360	\$11,360	\$17,200	\$10,320	\$69,108	Cont.
State	\$9,082	\$2,879	\$1,179	\$1,136	\$1,136	\$1,720	\$1,032	\$6,203	Cont.
Local	\$14,526	\$3,452	\$3,538	\$1,704	\$1,704	\$2,580	\$1,548	\$11,074	Cont.
Total	\$118,040	\$31,655	\$23,585	\$14,200	\$14,200	\$21,500	\$12,900	\$86,385	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Simulator Acquisition and on-going Maintenance Costs

Project Location: Blacksburg Transit Facility

Project Status: In progress.

Description and Justification:

Blacksburg Transit will be proposing to purchase a Training Simulator in FY 07, in an effort to standardize the training procedures. By making this purchase, it will allow us to recreate accident scenes, reinforce consequences of poor judgment, improve scanning abilities and cover specific training objectives, in a cost & time effective manner. There is the potential that other town departments could utilize this equipment for their training (i.e. police, public works and defensive driving). As with all transit capital projects, if grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Federal	\$260,000		\$212,000	\$12,000	\$12,000	\$12,000	\$12,000	\$260,000	Cont.
State	\$18,050		\$13,250	\$1,200	\$1,200	\$1,200	\$1,200	\$18,050	Cont.
Local	\$46,950		\$39,750	\$1,800	\$1,800	\$1,800	\$1,800	\$46,950	Cont.
Total	\$325,000		\$265,000	\$15,000	\$15,000	\$15,000	\$15,000	\$325,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Staff Vehicle Expansion

Project Location: Blacksburg Transit Facility

Project Status: In progress.

Description and Justification:

The proposed schedule for staff vehicle expansion per fiscal year is as follows: FY 07 – one admin staff vehicle and one boom truck; FY 08 – one operations staff vehicle, one maintenance pick-up truck, and one management staff vehicle; FY 09 – one admin staff vehicle; FY 10 – one maintenance staff vehicle and FY 11- one management staff vehicle. As with all transit capital projects, if grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Federal	\$239,552	\$23,664	\$60,240	\$90,640	\$20,608	\$21,200	\$23,200	\$215,888	Cont.
State	\$21,696	\$2,366	\$3,765	\$9,064	\$2,061	\$2,120	\$2,320	\$19,330	Cont.
Local	\$38,192	\$3,550	\$11,295	\$13,596	\$3,091	\$3,180	\$3,480	\$34,642	Cont.
Total	\$299,440	\$29,580	\$75,300	\$113,300	\$25,760	\$26,500	\$29,000	\$269,860	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Staff Vehicle Replacement

Project Location: Blacksburg Transit Facility

Project Status: In progress.

Description and Justification:

Blacksburg Transit has developed a replacement program for staff vehicles, which meets the local, state and federal regulations that govern public safety. The proposed schedule for staff vehicle replacement per fiscal year is as follows: FY 08 - two administrative staff cars, one director vehicle and one operations manager vehicle; FY 09 – one maintenance manager vehicle and one operations staff vehicle; FY 10 - one maintenance manager vehicle and FY 11- two administrative staff car, one maintenance pick-up truck and one management car. As with all transit capital projects, if grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Federal	\$292,144	\$37,536		\$88,880	\$49,280	\$27,360	\$89,088	\$254,608	Cont.
State	\$29,215	\$3,754		\$8,888	\$4,928	\$2,736	\$8,909	\$25,461	Cont.
Local	\$43,821	\$5,630		\$13,332	\$7,392	\$4,104	\$13,363	\$38,191	Cont.
Total	\$365,180	\$46,920		\$111,100	\$61,600	\$34,200	\$111,360	\$318,260	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Technology Replacement and Expansion Program

Project Location: Blacksburg Transit Facility

Project Status: In progress.

Description and Justification:

In conjunction with the Technology Department, Blacksburg Transit has development a replacement and expansion program for computers, laptops, software and related technology. The proposed schedule for technology replacement per fiscal year is as follows: FY 07 – four lap tops and seventeen computers; FY 08 – two laptops, ten computers, and infrastructure costs per ITS; FY 09 - two laptops, eleven computers, server replacement, tape back-up replacement and infrastructure costs per ITS; FY 10 – two laptops, twelve computers and infrastructure costs per ITS; FY 11- two laptops, twelve computers, and infrastructure costs per ITS. As with all transit capital projects, if grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Federal	\$168,368	\$38,800	\$29,584	\$19,200	\$35,264	\$22,576	\$22,944	\$129,568	Cont.
State	\$16,900	\$5,053	\$1,849	\$1,920	\$3,526	\$2,258	\$2,294	\$11,847	Cont.
Local	\$25,192	\$4,647	\$5,547	\$2,880	\$5,290	\$3,386	\$3,442	\$20,545	Cont.
Total	\$210,460	\$48,500	\$36,980	\$24,000	\$44,080	\$28,220	\$28,680	\$161,960	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Transit Capital Assets Program

Project Location: Blacksburg Transit Facility

Project Status: In progress.

Description and Justification:

This program will position Blacksburg Transit to have funds available for future capital acquisitions.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Federal									Cont.
State									Cont.
Local	\$250,000		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	Cont.
Total	\$250,000		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Transit Facility Expansion and Furnishings

Project Location: Blacksburg Transit Facility

Project Status: In progress.

Description and Justification:

Blacksburg Transit has received several grants totaling \$ 4,100,000 for upgrades to the current transit facility. Completion of construction for this project is projected to be in August 2006. In FY 07 Blacksburg Transit would like to request furnishings for the new facility. As with all transit capital projects, if grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Federal	\$3,520,000	\$3,280,000	\$240,000					\$240,000	Cont.
State	\$370,600	\$355,600	\$15,000					\$15,000	Cont.
Local	\$509,400	\$464,400	\$45,000					\$45,000	Cont.
Total	\$4,400,000	\$4,100,000	\$300,000					\$300,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Transit Facility Maintenance Cost program

Project Location: Blacksburg Transit Facility

Project Status: In progress.

Description and Justification:

Each year there are several regular maintenance requirements for the transit facility, which are eligible for capital funding. In addition, to maintaining our state-of-the-art maintenance facility, new equipment will be required in the future. As with all transit capital projects, if grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Federal	\$292,000	\$72,000	\$40,000	\$40,000	\$40,000	\$40,000	\$60,000	\$220,000	Cont.
State	\$29,380	\$8,880	\$2,500	\$4,000	\$4,000	\$4,000	\$6,000	\$20,500	Cont.
Local	\$43,620	\$9,120	\$7,500	\$6,000	\$6,000	\$6,000	\$9,000	\$34,500	Cont.
Total	\$365,000	\$90,000	\$50,000	\$50,000	\$50,000	\$50,000	\$75,000	\$275,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Trip Planner

Project Location: Blacksburg Transit Facility

Project Status: In progress.

Description and Justification:

Blacksburg Transit is in the process of completing Phase I of BTRIP with the installation of AVL/GPS equipped Mobile Data Terminals (MDT) onboard our vehicle and Computer Aided Dispatch (CAD) in our facility. In Phase II, the data collection from Phase I will be used to help passengers access real-time route/schedule information online, via telephone, through acquisition and deployment of the trip planner. The cost for Phase II has been divided into two years due to cuts in the budget.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Federal	62,464	28,000	14,464	20,000				34,464	Cont.
State	7,314	4,410	904	2,000				2,904	Cont.
Local	8,302	2,590	2,712	3,000				5,712	Cont.
Total	78,080	35,000	18,080	25,000				43,080	



BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning and Engineering

Project Title: Alleghany Tank Inspection

Project Location: Clay Street

Project Status: New

Description and Justification:

Water tanks require periodic inspections to ensure that any maintenance/operational issues are repaired so that the Town can deliver drinking water that meets regulations and to provide storage for fire protection, domestic drinking water and emergency situations. Alleghany Tank was repaired and placed back into service in 1995-96. Our engineering consultant recommends that tanks be inspected every 3 to 5 years. This tank has not been inspected since it was placed back into service.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Water & Sewer	\$27,000		\$27,000					\$27,000	
Total	\$27,000		\$27,000					\$27,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning and Engineering

Project Title: Centralized Sewer Data Acquisition System

Project Location: Town-wide

Project Status: New

Description and Justification:

This CIP includes funding for a centralized data acquisition system to more effectively monitor and retrieve operational data that can be used to analyze and optimize the existing sewer collection system and pumping stations. Currently there are 18 different pumping stations and 11 flow monitoring stations in the Town's existing wastewater system. Flow data and pump run time data is collected throughout the system so that it can be analyzed to evaluate capacity and generate hydrographs for input into a hydraulic model analysis. The current data collection system requires a Town employee to travel to each of the monitoring site on a regular basis to retrieve the data and bring it back to the Planning and Engineering department for analysis and review. There are currently four separate data collection devices that are being used throughout the Town that require separate software to retrieve data and manipulate data.

The centralized data acquisition system would allow data to be collected remotely and downloaded to a centralized server located in Town's IT department. This centralized data acquisition system would eliminate the need for Town staff to spend time traveling to each site to retrieve data. It would also provide a standard platform for the data to be collected and automate data quality control checks. This system would drastically reduce the amount of time that staff must spend in collecting and manipulating data and free up more time to use the data for hydraulic analysis and optimization of the existing collection system.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Water & Sewer	\$132,200			\$66,100	\$66,100			\$132,200	
Total	\$132,200			\$66,100	\$66,100			\$132,200	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning and Engineering

Project Title: IDSE/Stage 2 DBP Program

Project Location: Town-wide

Project Status: New

Description and Justification:

Recent EPA regulations will require the Town to develop a water quality testing program to test for disinfectant byproducts that result from the water treatment process. The regulations apply to all consecutive water systems that add a disinfectant other than an ultraviolet disinfecting process to comply. The Town is required to comply with the regulations because we operate a consecutive system (since we purchase our water from the Water Authority) and the Authority uses chloramines as a disinfectant. The first program that is required to be developed is an Initial Distribution System Evaluation (IDSE). This requires the Town to establish a water monitoring and testing program to obtain baseline data on the levels of the disinfectant byproducts (THM's and HAA's) in the drinking water. Sampling locations and testing at the sites is a part of the IDSE. One year's worth of data is required. This data is then used to determine the Stage 2 monitoring and testing locations. Stage 2 testing will be an on-going program.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Water & Sewer	\$70,000		\$30,000	\$40,000				\$70,000	
Total	\$70,000		\$30,000	\$40,000				\$70,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning and Engineering

Project Title: Sewer System Upgrade

Project Location: Town-wide

Project Status: Ongoing

Description and Justification:

Funding for this project is directly related to the Environmental Management System and Pollution Prevention Program whose goal is ***to reduce sanitary sewer overflows***. This project will assist in meeting this by replacing critical section of sewer that cause sanitary sewer overflows (SSO's).

Future allocations will be used to upgrade critical sections of sewer lines identified in the Townwide Sanitary Sewer System Study currently underway by the engineering consulting firm of Wiley and Wilson.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Water & Sewer							\$246,500	\$246,500	
Total							\$246,500	\$246,500	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning and Engineering

Project Title: Shenandoah I Sewer Pump Station Analysis and Upgrade

Project Location: West Stroubles Sewer Shed

Project Status: New

Description and Justification:

This CIP includes funding to compile a preliminary engineering report that evaluates cost effective alternatives and construction cost estimates to upgrade or replace the antiquated Shenandoah I sewer pumping station. The pumping station was built in the early 1980's and is approaching the end of its 30 year design life. The pumping station is also approaching its' rated design capacity. Over the last five years this pump station has overflowed several times, indicative of the limited pumping capacity at this facility.

As the north end of Town continues to grow this pumping station is going to be a critical component in conveying wastewater to the south end of the Town to the BVPISA treatment plant. A cursory analysis of the pumping station was performed in the spring of 2005 to evaluate interim measures that could be done to increase system capacity. Results of this "Interim" study indicated that additional onsite equalization could be constructed at the pumping station site. The long term implications of building the onsite equalization and not upgrading the pumping equipment needs to be evaluated. Additionally, a more comprehensive analysis on what effects enlarging this pumping station may have on the remainder of the collection system needs to be performed.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Water & Sewer	\$50,000				\$50,000			\$50,000	
General Obligation Bonds	\$675,000					\$675,000		\$675,000	
Total	\$,725,000				\$50,000	\$675,000		\$725,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning and Engineering

Project Title: Water Storage Facility

Project Location: Golf Course

Project Status: In progress

Description and Justification:

This project provides for the design and construction of a water storage facility and construction of connecting water mains required for the facility. This facility will increase the water storage capacity of the Town by ½ million gallons. The tank will most likely be located where the Golf Course maintenance buildings are located, therefore, these buildings will be demolished and new buildings constructed as a part of this project. In addition, a water transient study will be performed by the engineering consultant. This study will investigate the “high system” pressure zone for water hammer issues and momentary loss of water pressure issues. This is in response to various concerns water customers have raised.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Water & Sewer	\$95,000	\$95,000							
General Obligation Bonds	\$1,800,000			\$1,800,000				\$1,800,000	
Total	\$1,895,000	\$95,000		\$1,800,000				\$1,800,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning and Engineering

Project Title: Waterline Extension

Project Location: Old Mill Road

Project Status: In Progress

Description and Justification:

This project provides for the extension of water mains into currently developed areas within the Corporate Limits that do not have public water. Extending the main along Old Mill Road is the next project. In order to provide a looped system and alleviate any potential water age issues, the project includes tying the Old Mill Road main into the existing water line in Boxwood Drive.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Water & Sewer	\$236,900	\$10,000	\$113,000			\$133,900		\$246,900	
Total	\$236,900	\$10,000	\$113,000			\$133,900		\$246,900	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Electrical Service Upgrade

Project Location: Westover Sanitary Sewer Pump Station

Project Status: New

Description and Justification:

This project provides funding to upgrade the existing electrical service at the Westover Sanitary Sewer Pump Station. The current electrical system is single phase with an “add a phase” converter for the station’s 3-phase pumps. This is not a reliable configuration and results in frequent electrical failures.

The project would provide the funding necessary (\$30,000) to upgrade the station to 3-phase electrical power. This work would be performed by AEP. It would also provide the funding necessary (\$60,000) for a new 3-phase generator, automatic transfer switch, and associated equipment. This work would be performed by an outside contractor.

After completion of the project, the existing single phase 45 KW emergency generator at the Westover Pump Station would become available for use at another town facility as an emergency power source.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Water & Sewer	\$90,000			\$90,000				\$90,000	
Total	\$90,000			\$90,000				\$90,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Environmental Management Program
Sanitary Sewer Inflow & Infiltration Abatement

Project Location: Town-wide

Project Status: In Progress

Description and Justification:

This project supports the Environmental Management Program objective to “*identify, prioritize, and reduce at risk locations for potential surcharge SSO’s in Blacksburg*”. This project provides for the ongoing repair, replacement and lining of old and/or broken sanitary sewer lines that do not provide adequate service and are at high-risk for inflow and infiltration. Many of these lines have been in service over sixty years. This project also provides for the rehabilitation of high-risk manholes, to include the installation of watertight manhole lids, to address inflow and infiltration problems in surcharging lines. FY 2005/06 prior allocation of \$250,000 will focus on the priorities identified in the capacity and condition study currently being performed by Wiley & Wilson. Each fiscal year also includes \$10,000 for I&I education efforts.

Specific locations for inflow and infiltration abatement measures would be determined for each subsequent fiscal year as warranted by sanitary sewer flow meters, model projections, and field observations.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Water & Sewer	continuing	\$250,000			\$71,000			\$71,000	continuing
General Obligation Bonds	continuing					\$325,000		\$325,000	
Total	continuing	\$250,000			\$71,000	\$325,000		\$396,000	continuing

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Water Main Replacements

Project Location: Town-wide

Project Status: In Progress

Description and Justification:

This project provides funding to upgrade undersized water lines that restrict flow, reduce pressure, and do not provide adequate fire protection at various locations in the Town's water system. The smaller lines account for the majority of leaks experienced throughout the year. The lines will be replaced with standard 8-inch mains. Many of these small lines are galvanized pipe, are more than 15 years of age, and have corroded to a stage that severely restricts the flow. In many cases, over ½ of the inside diameter is blocked by corrosion. A project list is attached.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Water & Sewer	continuing	continuing		\$40,000	\$64,400	\$138,600	\$27,720	\$270,720	continuing
Total	continuing	continuing		\$40,000	\$64,400	\$138,600	\$27,720	\$270,720	continuing

Water Main Replacement Projects
FY 2006/07 - 2010/11

Streets to be Effectuated	From	To	Length (feet)	Cost	Comments
FY 2007/2008					
North Main Street	Patrick Henry Drive	Giles Road	1960	\$40,000	Replace 4-inch line
TOTAL				\$40,000	
FY 2008/2009					
Forest Hill Drive	Grissom lane	Greenwood Drive	700	\$19,600	Replace 2-inch line
Duntun Drive	Airport Road	Cul-de-sac	1,400	\$39,200	Replace 2-inch line
Alley off Jackson Street (west side)	Jackson Street	north 200-ft	200	\$5,600	Replace 2-inch line
TOTAL				\$64,400	
FY 2009/2010					
Progress Street	N. Main Street	Giles Road	950	\$26,600	Replace 4-inch line
Glade Road	Boxwood Drive	Linwood Lane	2000	\$56,000	Replace 6-inch line
Dickerson Lane	Franklin Drive	Northview Drive	1200	\$33,600	Replace 4-inch line
Roanoke Street	Orchard Street	west 800-feet	800	\$22,400	Replace 2-inch line
TOTAL				\$138,600	
FY 2010/11					
Faculty Street	N. Main Street	Progress Street	390	\$10,920	Replace 4-inch line
Alley between Faculty Street and Wilson Avenue	Faculty Street	Wilson Avenue	400	\$11,200	Replace 1-inch line
Wilson Avenue	Alley	Progress Street	200	\$5,600	Replace 1-inch line
TOTAL				\$27,720	



BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Parks and Recreation

Project Title:

Project Location: Golf Course

Project Status: There are no projects for the golf course fund in this Recommended Capital Improvement Program

Description and Justification:

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Total									



BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Major Equipment Purchase

Project Location: Town-wide

Project Status: In Progress

Description and Justification:

The following pages list the equipment scheduled to be purchased over the next five years. Pieces fully depreciated will be purchased from the Equipment Depreciation Fund instead of the various operating funds. Each piece of equipment is inspected prior to being included on the upcoming years' lists to determine if the piece of equipment can provide additional service life. See attached pages for the Detailed Depreciation Schedule.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Equipment Depreciation Fund	continuing	continuing	\$961,000	\$828,000	\$434,000	\$777,000	\$567,000	\$3,567,000	continuing
Total	continuing	continuing	\$961,000	\$828,000	\$434,000	\$777,000	\$567,000	\$3,567,000	continuing

MAJOR EQUIPMENT PURCHASES FY 2007-2011

FY Replacement 2007

Equip #	Vehicle #	Description	FY Aquired	Life	Replacement Cost	Depreciation	FY Replacement
General Fund							
9722	AS-501	Truck-Dump, Tandem	1998	9	70,000	7,778	2007
50009	FD-09	Pumper	1988	20	400,000	20,000	2007
9733	HT-501	Truck-Dump, Flatbed	1998	9	45,000	5,000	2007
95102	HT-702	Uniloader	1996	11	42,000	3,818	2007
33931	PD-931	Van, Evidence	1994	13	55,000	4,231	2007
358	PL-801	Mowers (6)	2001	6	42,000	7,000	2007
364	RC-102	SUV, Standard	2000	7	22,000	3,143	2007
395	RS-03	First Response Vehicle	2000	7	60,000	8,571	2007
401	RS-04	Sedan, Full Size	2000	7	60,000	8,571	2007
	SW-701	Backhoe		10	65,000	6,500	2007
				Fund Total:	\$861,000	\$74,612	
Golf Fund							
413	GC-402	Truck-Pick-up	2000	7	20,000	2,857	2007
				Fund Total:	\$20,000	\$2,857	
Water & Sewer Fund							
26	PS-402	Truck-Pick-up, 3/4 ton 4WD	2000	7	30,000	4,286	2007
7	SE-402	Truck-Pick-up, 3/4 ton 4WD	2000	7	30,000	4,286	2007
9939	UB-402	Truck-Pick-up	2000	7	20,000	2,857	2007
				Fund Total:	\$80,000	\$11,429	
				Fiscal Year Total	\$961,000	\$88,898	

MAJOR EQUIPMENT PURCHASES FY 2007-2011

FY Replacement 2008

Equip #	Vehicle #	Description	FY Acquired	Life	Replacement Cost	Depreciation	FY Replacement
General Fund							
93	BD-403	Truck-Pick-up, 3/4 ton 4WD	2001	7	35,000	5,000	2008
425	CH-101	SUV, Standard	2001	7	22,000	3,143	2008
423	EG-105	SUV, Standard	2001	7	22,000	3,143	2008
406	EO-101	SUV, Economy	2001	7	19,000	2,714	2008
419	EO-402	Truck-Pick-up, 1 ton 4WD	2001	7	40,000	5,714	2008
486	FD-23	Sedan, Full Size	2001	7	25,000	3,571	2008
485	FD-24	Sedan, Full Size	2001	7	25,000	3,571	2008
466	GR-402	Truck-Pick-up, 3/4 ton 4WD	2001	7	30,000	4,286	2008
433	MP-101	SUV, Economy	2001	7	19,000	2,714	2008
434	MP-102	SUV, Economy	2001	7	19,000	2,714	2008
435	MP-401	Truck-Pick-up, F550 ton 4WD	2001	7	40,000	5,714	2008
420	PD-005	SUV, Standard	2001	7	22,000	3,143	2008
443	PD-011	SUV, Full Size	2001	7	30,000	4,286	2008
460	PI-301	Van, Standard	2001	7	25,000	3,571	2008
467	PK-401	Truck-Pick-up, 3/4 ton 4WD	2001	7	30,000	4,286	2008
426	PN-101	SUV, Standard-Gregg	2001	7	22,000	3,143	2008
424	PW-101	SUV, Standard	2001	7	22,000	3,143	2008
459	RC-201	Sedan, Economy	2001	7	14,000	2,000	2008
465	RC-304	Van, 20-Passenger	2001	7	43,000	6,143	2008
479	RC-305	Van, Mini	2001	7	20,000	2,857	2008
487	RS-50	Ambulance, Type II	2001	7	125,000	17,857	2008
96126	SD-702	Uniloaders	1997	11	42,000	3,818	2008
				Fund Total:	\$691,000	\$96,532	
CDBG/HUD Fund							
457	HD-201	Sedan, Economy	2001	7	14,000	2,000	2008
456	HD-202	Sedan, Economy	2001	7	14,000	2,000	2008
				Fund Total:	\$28,000	\$4,000	
Water & Sewer Fund							
417	SE-301	Van, 4WD	1999	9	30,000	3,333	2008
98169	SE-701	Backhoe	1998	10	65,000	6,500	2008
				Fund Total:	\$95,000	\$9,833	
Waste Management Fund							
95101	WM-904	Leaf Machine	1996	12	14,000	1,167	2008
				Fund Total:	\$14,000	\$1,167	
Fiscal Year Total					\$828,000	\$111,532	

MAJOR EQUIPMENT PURCHASES FY 2007-2011

FY Replacement 2009

Equip #	Vehicle #	Description	FY Aquired	Life	Replacement Cost	Depreciation	FY Replacement
General Fund							
98172	AS-603	Paver-Asphalt	1998	11	32,000	2,909	2009
557	BD-401	F150 Pickup	2002	7	19,000	2,714	2009
555	BD-405	Truck-Pick-up, 3/4 ton 4WD	2002	7	35,000	5,000	2009
511	FI-101	SUV, Economy	2002	7	19,000	2,714	2009
95138	GR-803	Mower-Front Deck	2002	7	14,000	2,000	2009
556	HT-402	Truck-Pick-up, 3/4 ton 4WD	2002	7	20,000	2,857	2009
517	HT-404	Truck-Pick-up, 1 ton 4WD	2002	7	30,000	4,286	2009
512	PD-021	Sedan, Full Size	2002	7	23,000	3,286	2009
514	PD-022	Sedan, Full Size	2002	7	23,000	3,286	2009
513	PD-023	Sedan, Full Size	2002	7	23,000	3,286	2009
534	PD-024	Sedan, Full Size	2002	7	23,000	3,286	2009
510	PD-025	Sedan, Full Size	2002	7	23,000	3,286	2009
518	PD-026	Sedan, Full Size	2002	7	23,000	3,286	2009
515	PL-101	SUV, Standard	2002	7	22,000	3,143	2009
516	TE-401	Truck-Bucket	2002	7	50,000	7,143	2009
588	AM-101	Grand Cherokee	2004	5	25,000	5,000	2009
		Fund Total:			\$404,000	\$57,481	
Water & Sewer Fund							
522	SE-403	Truck-Pick-up, 3/4 ton DRW	2002	7	30,000	4,286	2009
		Fund Total:			\$30,000	\$4,286	
		Fiscal Year Total			\$434,000	\$61,766	

MAJOR EQUIPMENT PURCHASES FY 2007-2011

FY Replacement 2010

Equip #	Vehicle #	Description	FY Aquired	Life	Replacement Cost	Depreciation	FY Replacement
General Fund							
452	AS-502	Truck-Dump	2001	9	55,000	6,111	2010
454	AS-503	Truck-Dump, 4WD	2001	9	65,000	7,222	2010
397	AS-607	Sweeper-Street	2000	10	101,000	10,100	2010
562	CE-401	Pickup, F350, SC, 4WD	2003	7	25,000	3,571	2010
304	HT-504	Truck-Water	1999	11	50,000	4,545	2010
566	PK-402	Truck-Pick-up, 3/4 ton 4WD	2003	7	30,000	4,286	2010
	PL-901	Leaf Boxes	2005	5	24,000	4,800	2010
453	SD-501	Truck-Dump	2001	9	55,000	6,111	2010
448	SD-502	Truck-Dump	2001	9	55,000	6,111	2010
462	SW-501	Truck-Dump	2001	9	55,000	6,111	2010
				Fund Total:	\$515,000	\$58,969	
Water & Sewer Fund							
9561	SE-904	Sewer Washer	2005	5	38,000	7,600	2010
450	WA-501	Truck-Dump	2001	9	50,000	5,556	2010
447	WA-502	Truck-Dump, Tandem	2001	9	60,000	6,667	2010
				Fund Total:	\$148,000	\$19,822	
Waste Management Fund							
449	WM-501	Truck-Dump	2001	9	50,000	5,556	2010
451	WM-502	Truck-Dump	2001	9	50,000	5,556	2010
507	WM-907	Leaf Machine	2002	8	14,000	1,750	2010
				Fund Total:	\$114,000	\$12,861	
		Fiscal Year Total			\$777,000	\$91,653	

MAJOR EQUIPMENT PURCHASES FY 2007-2011

FY Replacement 2011

Equip #	Vehicle #	Description	FY Aquired	Life	Replacement Cost	Depreciation	FY Replacement
General Fund							
444	AS-701	Backhoe	2001	10	65,000	6,500	2011
9953	AS-703	Loader	1999	12	89,000	7,417	2011
9462	AS-902	Arrow Board	1995	16	10,000	625	2011
458	CE-701	Backhoe	2001	10	65,000	6,500	2011
606	EG-102	SUV, Compact	2004	7	30,000	4,286	2011
50013	FD-21	SUV, Full Size	2004	7	30,000	4,286	2011
625	HT-401	Truck-Pick-up, 1/2 ton 4WD	2004	7	20,000	2,857	2011
628	HT-403	Truck-Pick-up, F550 4WD	2004	7	40,000	5,714	2011
9789	HT-802	Gator	1998	13	10,000	769	2011
605	IN-101	SUV, Standard-Daniel	2004	7	22,000	3,143	2011
464	SD-701	Backhoe	2001	10	65,000	6,500	2011
590	SW-401	Truck-Pick-up, 3/4 ton 4WD	2004	7	35,000	5,000	2011
		Fund Total:			\$481,000	\$53,597	
Golf Fund							
624	GC-812	Mowers - (2)	2005	6	14,000	2,333	2011
		Fund Total:			\$14,000	\$2,333	
Water & Sewer Fund							
9095	PS-403	Truck-Pick-up, 3/4 ton 4WD	2004	7	30,000	4,286	2011
422	WA-704	Unloader	2000	11	42,000	3,818	2011
		Fund Total:			\$72,000	\$8,104	
		Fiscal Year Total			\$567,000	\$64,034	

MAJOR EQUIPMENT PURCHASES FY 2007-2011

FY Replacement 2012

Equip #	Vehicle #	Description	FY Aquired	Life	Replacement Cost	Depreciation	FY Replacement
General Fund							
635	TM-101	Explorer, 4WD	2005	7	23,000	3,286	2012
702	AS-401	Pickup, 4WD, Crew Cab	2005	7	35,000	5,000	2012
683	BD-301	Van-Cargo-E250	2005	7	35,000	5,000	2012
98136	EG-103	SUV, Standard	2005	7	22,000	3,143	2012
559	FD-11	Truck-Brush	2002	10	40,000	4,000	2012
672	PD-051	SUV, Full Size	2005	7	30,000	4,286	2012
673	PD-052	Sedan, Full Size	2005	7	23,000	3,286	2012
670	PD-053	SUV, Full Size	2005	7	30,000	4,286	2012
671	PD-054	Sedan, Full Size	2005	7	23,000	3,286	2012
629	PD-055	Sedan, Full Size	2005	7	23,000	3,286	2012
349	PL-802	Mowers (6)	2000	6	42,000	7,000	2012
682	RC-302	Van, 15-Passenger	2005	7	28,000	4,000	2012
669	RC-401	Truck-Pick-up	2005	7	20,000	2,857	2012
699	RS-53	Ambulance-4WD	2005	7	125,000	17,857	2012
703	SD-401	Truck-Pick-up, 3/4 ton 4WD	2005	7	35,000	5,000	2012
436	SW-901	Air Compressor	2001	11	14,000	1,273	2012
	TE-403	Truck-Pick-up, 1/2 ton 4WD	2005	7	20,000	2,857	2012
		Fund Total:			\$568,000	\$79,701	
Golf Fund							
750	GC-810	Sprayer	2006	6	18,000	3,000	2012
		Fund Total:			\$18,000	\$3,000	
Water & Sewer Fund							
9827	PS-401	Truck-Pick-up, 3/4 ton 4WD	2005	7	30,000	4,286	2012
742	SE-401	Truck-Pick-up, 3/4 ton 4WD	2005	7	30,000	4,286	2012
436	SE-901	Air Compressor	2001	11	14,000	1,273	2012
679	UB-401	Truck-Pick-up	2005	7	20,000	2,857	2012
622	UT-401	Truck-Pick-up, 1/2 ton 4WD	2005	7	25,000	3,571	2012
455	WA-703	Loader	2000	12	89,000	7,417	2012
428	WA-902	Air Compressor	2001	11	14,000	1,273	2012
		Fund Total:			\$222,000	\$24,962	
Waste Management Fund							
626	WM-401	Truck-Pick-up, 1/2 ton 4WD	2005	7	20,000	2,857	2012
9383	WM-905	Leaf Machine	2005	7	14,000	2,000	2012
		Fund Total:			\$359,000	\$38,509	
		Fiscal Year Total			\$1,167,000	\$146,172	

MAJOR EQUIPMENT PURCHASES FY 2007-2011

FY Replacement 2013

Equip #	Vehicle #	Description	FY Aquired	Life	Replacement Cost	Depreciation	FY Replacement
General Fund							
445	AS-604	Roller-Asphalt	2000	13	30,000	2,308	2013
483	BD-801	Genie Hydraulic Lift	2001	12	18,000	1,500	2013
461	CE-801	Tractor, 32 HP	2001	12	19,000	1,583	2013
9902	EG-401	Truck-Pick-up	2006	7	20,000	2,857	2013
50005	FD-05	Mobile Air Unit (Chasis)	1993	20	300,000	15,000	2013
50017	FD-17	Truck-Pick-up, F-550 4WD	2006	7	30,000	4,286	2013
	GP-101	Pickup-F150	2006	7	30,000	4,286	2013
	PD-061	SUV, Full Size	2006	7	30,000	4,286	2013
	PD-062	SUV, Standard	2006	7	22,000	3,143	2013
	PD-063	SUV, Standard	2006	7	22,000	3,143	2013
	PD-064	SUV, Full Size	2006	7	30,000	4,286	2013
4054	RS-54	Rescue Crash Truck	1992	21	450,000	21,429	2013
396	RS-56	Ambulance-Type II	1999	7	120,000	17,143	2013
711	RS-R1	Tahoe 4WD	2005	7	60,000	8,571	2013
712	RS-R2	Tahoe 4WD	2005	7	60,000	8,571	2013
	ST-101	Pickup-F150	1999	7	30,000	4,286	2013
		Fund Total:			\$1,271,000	\$106,677	
Water & Sewer Fund							
417-A	SE-301A	Sewer TV System	2002	11	46,000	4,182	2013
	UT-101	Pickup-F150	2006	7	30,000	4,286	2013
393	WA-401	Truck-Pick-up, 3/4 ton 4WD	2006	7	30,000	4,286	2013
		Fund Total:			\$106,000	\$12,753	
		Fiscal Year Total			\$1,377,000	\$119,430	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Major Building System Replacement

Project Location: Town-wide

Project Status: In Progress

Description and Justification:

This project provides for the systematic replacement of major building systems equipment at the end of their useful life. Funds would be set aside each year based on the projected replacement cost and useful life just like we do for vehicles and equipment. The building systems listed on the attached schedule are only those systems due for replacement in the next 5 years. The implementation of this building system replacement program will eliminate the need to use operational funds to replace system equipment, which fails unexpectedly during the fiscal year.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Building Depreciation Fund	continuing	continuing	\$38,000	\$7,500	\$31,000	\$900	\$23,000	\$100,400	continuing
Total	continuing	continuing	\$38,000	\$7,500	\$31,000	\$900	\$23,000	\$100,400	continuing

Major Building System Replacement, FY 2006-07-2010/11

FY to be Replaced : 2007

<u>Location</u>	<u>Description</u>	<u>Installation Date</u>	<u>Life</u>	<u>Replacement Cost</u>	<u>Depreciation</u>
Municipal Building	1 roof top package unit	1987	20	\$38,000	\$1,900
		FISCAL YEAR TOTAL:		\$38,000	\$1,900

FY to be Replaced: 2008

<u>Location</u>	<u>Description</u>	<u>Installation Date</u>	<u>Life</u>	<u>Replacement Cost</u>	<u>Depreciation</u>
Municipal Building	1 heat pump	1993	15	\$3,500	\$233
Town Garage	5 infrared gas fired heaters	1988	20	\$4,000	\$200
		FISCAL YEAR TOTAL:		\$7,500	\$433

FY to be Replaced: 2009

<u>Location</u>	<u>Description</u>	<u>Installation Date</u>	<u>Life</u>	<u>Replacement Cost</u>	<u>Depreciation</u>
Aquatic Center	1 gas fired spa boiler	2004	5	\$10,000	\$2,000
Golf Course	1 split a/c system	1994	15	\$5,000	\$333
Progress St. Fire House	2 split a/c systems	1989	20	\$16,000	\$800
		FISCAL YEAR TOTAL:		\$31,000	\$3,133

FY to be Replaced : 2010

<u>Location</u>	<u>Description</u>	<u>Installation Date</u>	<u>Life</u>	<u>Replacement Cost</u>	<u>Depreciation</u>
Purchasing Warehouse	1 through wall a/c unit	1995	15	\$900	\$60
		FISCAL YEAR TOTAL:		\$900	\$60

FY to be Replaced: 2011

<u>Location</u>	<u>Description</u>	<u>Installation Date</u>	<u>Life</u>	<u>Replacement Cost</u>	<u>Depreciation</u>
Municipal Building	1 roof top package unit	1991	20	\$20,000	\$1,000
Purchasing Warehouse	3 infrared heaters	1991	20	\$1,500	\$75
Progress St. Fire House	2 split a/c systems	1991	20	\$1,500	\$75
		FISCAL YEAR TOTAL:		\$23,000	\$1,150